

6. Biologicals

Introduction	6.1
Human Cytokines and Growth Factors	6.2 - 6.13
Murine Cytokines and Growth Factors	6.13 - 6.16
Rat Cytokines and Growth Factors	6.16 - 6.17
Other Species Cytokines and Growth Factors ..	6.17 - 6.20
Human Chemokines	6.20 - 6.22
Murine Chemokines	6.22 - 6.23
Other Chemokines	6.23



Introduction

Cytokines, growth factors and chemokines from PAN-Biotech

Cytokines are becoming increasingly important in cell biology. Sugar-containing proteins have regulating functions for the growth and differentiation of body cells.

Many cytokines also play an important role in immunological reactions, and they are then generally referred to as mediators.

Cytokines, which primarily trigger resp. regulate the proliferation and differentiation of target cells are known as growth factors. These proteins that are transferred as signals from one cell to another, and therefore relay information, play a role mainly in the development of multicellular organisms. Growth factors are either secreted i.e. released by the cells into the environment or they are membrane-bound. They function when recognized

by a receptor on the surface of the target cell. Only cells that carry the specific receptor for the respective growth factor (= ligand) can respond to the signal.

When bound to its ligand through a change in conformation, this receptor generates a signal inside the cell, and this signal causes genes to be activated or deactivated by other signal transfers.

PAN-Biotech can offer you a high-quality range of cytokines, growth factors as well as chemokines, chemotactical cytokines („chemoattractant cytokines“), which can be secreted from many cell types e.g. from phagocytes and dendritic cells but also from tissue cells.

Chemokines can attract and activate leukocytes. They therefore play an important role as mediators in regulating targeted leukocyte migration and the inflammation processes triggered as a result.

Growth Factors

Human (Hu) Cytokines and Growth Factors

SHORT TERM	DESCRIPTION	CAT#	SIZE
4-1BBr	Hu 4-1BB Receptor rec.	CB-1010100	5 µg
		CB-1010101	20 µg
		CB-1010102	1 mg
Acrp30 Glob	Hu Adiponectin Globular rec.	CB-2800004	2 µg
		CB-2800005	10 µg
		CB-2800006	1 mg
Acrp30 HEK	Hu Adiponectin glycosilated, HEK rec.	CB-2800007	2 µg
		CB-2800008	10 µg
		CB-2800009	1 mg
Acrp30	Hu Adiponectin rec.	CB-2800001	5 µg
		CB-2800002	25 µg
		CB-2800003	1 mg
Acrp30 Tri	Hu Adiponectin Trimeric Form rec.	CB-2800010	2 µg
		CB-2800011	10 µg
		CB-2800012	1 mg
Acrp30 His	Hu Adiponectin, His tag rec.	CB-2800013	10 µg
		CB-2800014	50 µg
		CB-2800015	1 mg
AITRL	Hu AITRL rec.	CB-1001000	5 µg
		CB-1001001	20 µg
		CB-1001002	1 mg
ANG-1	Hu Angiopoietin-1 rec.	CB-1001003	2 µg
		CB-1001004	10 µg
		CB-1001005	1 mg
ANG-2	Hu Angiopoietin-2 rec.	CB-1001006	2 µg
		CB-1001007	10 µg
		CB-1001008	1 mg
ANGPTL-3	Hu Angiopoietin-like Protein 3 rec.	CB-1001009	2 µg
		CB-1001010	10 µg
		CB-1001011	1 mg

continue →



Growth Factors

Human (Hu) Cytokines and Growth Factors

SHORT TERM	DESCRIPTION	CAT#	SIZE
ANGPTL-4	Hu Angiopoietin-like Protein 4 rec.	CB-1001012	2 µg
		CB-1001013	10 µg
		CB-1001014	1 mg
APO-J	Hu Apolipoprotein-J rec.	CB-1001100	2 µg
		CB-1001101	10 µg
		CB-1001102	0.1 mg
Artemin	Hu Artemin rec.	CB-1105002	5 µg
		CB-1105007	20 µg
		CB-1105008	1 mg
BAFF	Hu BAFF (BLyS) rec.	CB-1010000	5 µg
		CB-1010001	20 µg
		CB-1010002	1 mg
BAFF-R	Hu BAFF (BlyS) Receptor rec.	CB-1010003	5 µg
		CB-1010004	20 µg
		CB-1010005	1 mg
BD-3	Hu Beta Defensin -3 rec.	CB-1010006	5 µg
		CB-1010007	20 µg
		CB-1010008	1 mg
BTC	Hu Betacellulin rec.	CB-1117100	5 µg
		CB-1117101	20 µg
		CB-1117102	1 mg
BMPR1A	Hu Bone Morphogenetic protein Receptor-1A rec.	CB-1113000	2 µg
		CB-1113006	10 µg
		CB-1113007	1 mg
BMP-2	Hu Bone Morphogenetic protein-2 rec.	CB-1113003	2 µg
		CB-1113004	10 µg
		CB-1113005	1 mg
BMP-4	Hu Bone Morphogenetic protein-4 rec.	P-3610002	2 µg
		P-3610003	10 µg
		P-3610004	1 mg
BMP-6	Hu Bone Morphogenetic protein-6 rec.	CB-1113008	2 µg
		CB-1113009	10 µg
		CB-1113010	1 mg
BMP-7	Hu Bone Morphogenetic protein-7 rec.	CB-1113011	2 µg
		CB-1113012	10 µg
		CB-1113013	1 mg
BMP-7 CHO	Hu Bone Morphogenetic protein-7, CHO rec.	CB-1113014	2 µg
		CB-1113015	10 µg
		CB-1113016	1 mg
BDNF	Hu Brain-Derived Neurotrophic Factor rec.	CB-1115000	2 µg
		CB-1115001	10 µg
		CB-1115002	1 mg
BNP	Hu B-type Natriuretic Protein	CB-1300019	10 mg
		CB-1300020	25 mg
		CB-1300021	100 mg
BNP	Hu B-type Natriuretic Protein rec.	CB-1115003	2 µg
		CB-1115004	10 µg
		CB-1115005	1 mg
CT-1	Hu Cardiotrophin-1 rec.	CB-1115006	2 µg
		CB-1115007	10 µg
		CB-1115008	1 mg
CD4 (1-150)	Hu CD4 (1-150) rec.	CB-1000100	2 µg
		CB-1000115	5 µg
		CB-1000102	10 µg

continue →



Growth Factors

Human (Hu) Cytokines and Growth Factors

SHORT TERM	DESCRIPTION	CAT#	SIZE
CD4 (125-202)	Hu CD4 (125-202) rec.	CB-1000103	5 µg
		CB-1000104	20 µg
		CB-1000105	1 mg
CD4 (203-317)	Hu CD4 (203-317) rec.	CB-1000106	5 µg
		CB-1000107	20 µg
		CB-1000108	1 mg
CD4 (26-226)	Hu CD4 (26-226) rec.	CB-1000109	2 µg
		CB-1000110	5 µg
		CB-1000111	10 µg
CD4 (411-459)	Hu CD4 (411-459) rec.	CB-1000112	2 µg
		CB-1000113	5 µg
		CB-1000114	10 µg
CNTF	Hu Ciliary Neurotrophic Factor rec.	CB-1515000	5 µg
		CB-1515001	20 µg
		CB-1515002	1 mg
CTGF	Hu Connective Tissue Growth Factor 182-250 a.a. rec.	CB-1515103	4 µg
		CB-1515104	20 µg
		CB-1515105	1 mg
CTGF	Hu Connective Tissue Growth Factor rec.	CB-1515100	2 µg
		CB-1515101	10 µg
		CB-1515102	1 mg
CTLA-4	Hu Cytotoxic T-Lymphocyte Associated Antigen-4 rec.	CB-1515106	10 µg
		CB-1515107	50 µg
		CB-1515108	1 mg
EG-VEGF	Hu Endocrine Gland Vacular Endothelial Growth Factor rec.	CB-1515109	5 µg
		CB-1515110	20 µg
		CB-1515111	1 mg
HuEndoglin	Hu Endoglin rec.	CB-1516000	2 µg
		CB-1516001	5 µg
		CB-1516002	10 µg
Endoglin Sf9	Hu Endoglin, Sf9 rec.	CB-1516003	2 µg
		CB-1516004	10 µg
		CB-1516005	100 µg
EGF 21-Leu	Hu Epidermal Growth Factor 21-Leu rec.	CB-1101004	20 µg
		CB-1101005	100 µg
		CB-1101006	1 mg
EGF	Hu Epidermal Growth Factor rec.	CB-1101001	100 µg
		CB-1101002	500 µg
		CB-1101003	1 mg
EGF Pichia	Hu Epidermal Growth Factor, Pichia rec.	CB-1101007	100 µg
		CB-1101008	500 µg
		CB-1101009	1 mg
EPO-a Fc	Hu Erythropoietin-alpha Fc/Chimera rec.	CB-2015003	2 µg
		CB-2015004	10 µg
		CB-2015005	1 mg
EPO-a	Hu Erythropoietin-alpha rec.	CB-2015000	5 µg
		CB-2015001	50 µg
		CB-2015002	1 mg
FGF-19	Hu Fibroblast Growth Factor-19 rec.	CB-1102108	5 µg
		CB-1102109	25 µg
		CB-1102110	1 mg
FGF-21	Hu Fibroblast Growth Factor-21 rec.	CB-1102111	2 µg
		CB-1102112	10 µg
		CB-1102113	1 mg

continue →



Growth Factors

Human (Hu) Cytokines and Growth Factors

SHORT TERM	DESCRIPTION	CAT#	SIZE
FGF-21 His	Hu Fibroblast Growth Factor-21, His Tag rec.	CB-1102114	2 µg
		CB-1102115	10 µg
		CB-1102116	1 mg
FGF-22	Hu Fibroblast Growth Factor-22 rec.	CB-1102117	2 µg
		CB-1102118	10 µg
		CB-1102119	1 mg
FGF-23	Hu Fibroblast Growth Factor-23 rec.	CB-1102120	2 µg
		CB-1102121	10 µg
		CB-1102122	1 mg
FGF-4	Hu Fibroblast Growth Factor-4 rec.	CB-1102104	25 µg
FGF-9	Hu Fibroblast Growth Factor-9 rec.	CB-1102105	5 µg
		CB-1102106	20 µg
		CB-1102107	1 mg
FGF-1	Hu Fibroblast Growth Factor-acidic rec.	CB-1102010	10 µg
		CB-1102011	50 µg
		CB-1102012	1 mg
FGF-1 Sf9	Hu Fibroblast Growth Factor-acidic, Sf9, rec.	CB-1102013	2 µg
		CB-1102014	10 µg
		CB-1102015	1 mg
FGF-2	Hu Fibroblast Growth Factor-basic rec.	CB-1102024	10 µg
		CB-1102021	50 µg
		CB-1102023	1 mg
FGF-2 Sf9	Hu Fibroblast Growth Factor-basic, Sf9, rec.	CB-1102026	2 µg
		CB-1102027	10 µg
		CB-1102028	1 mg
Flt3	Hu Flt3-Ligand rec.	CB-1119000	2 µg
		CB-1119001	10 µg
		CB-1119002	1 mg
Flt3 Sf9	Hu Flt3-Ligand Sf9 rec.	CB-1119003	2 µg
		CB-1119004	10 µg
		CB-1119005	1 mg
FST	Hu Follistatin rec.	CB-1119100	5 µg
		CB-1119101	20 µg
		CB-1119102	1 mg
GDNF	Hu Glial-Derived Neurotrophic Factor rec.	CB-1116001	10 µg
		CB-1116002	50 µg
		CB-1116003	1 mg
GMCSF/IL3	Hu gm-csf/IL-3 Fusion Protein (PIXY321) rec.	CB-2110004	2 µg
		CB-2110005	10 µg
		CB-2110006	1 mg
GMCSF	Hu Granulocyte Macrophage-Colony Stimulating Factor rec.	CB-2110000	2 µg
		CB-2110002	10 µg
		CB-2110003	1 mg
GM-CSF His	Hu Granulocyte Macrophage-Colony Stimulating Factor, His Tag rec.	CB-2110007	5 µg
		CB-2110008	20 µg
		CB-2110009	1 mg
GMCSF Pichia	Hu Granulocyte Macrophage-Colony Stimulating Factor, Pichia rec.	CB-2110010	2 µg
		CB-2110011	10 µg
		CB-2110012	1 mg
GMCSF Sf9	Hu Granulocyte Macrophage-Colony Stimulating Factor, Sf9 rec.	CB-2110013	2 µg
		CB-2110014	10 µg
		CB-2110015	1 mg

continue →



Growth Factors

Human (Hu) Cytokines and Growth Factors

SHORT TERM	DESCRIPTION	CAT#	SIZE
GCSF	Hu Granulocyte-Colony Stimulating Factor rec.	CB-2110100	2 µg
		CB-2110101	10 µg
		CB-2110102	1 mg
GCSF CHO	Hu Granulocyte-Colony Stimulating Factor, CHO rec.	CB-2110103	2 µg
		CB-2110104	10 µg
		CB-2110105	1 mg
GCSF His	Hu Granulocyte-Colony Stimulating Factor, His Tag rec.	CB-2110106	2 µg
		CB-2110107	10 µg
		CB-2110108	1 mg
GDF5	Hu Growth and Differentiation factor 5 rec.	CB-2120200	2 µg
		CB-2120201	10 µg
		CB-2120202	1 mg
GHBP	Hu Growth Hormone Binding Protein rec.	CB-2120220	100 µg
		CB-2120221	200 µg
		CB-2120222	1 mg
HGH	Hu Growth Hormone rec.	CB-2120210	100 µg
		CB-2120211	500 µg
		CB-2120212	1 mg
HGF Sf9	Hu Hepatocyte Growth Factor rec.	CB-1108002	2 µg
		CB-1108010	10 µg
		CB-1108100	1 mg
HGF CHO	Hu Hepatocyte Growth Factor, CHO, rec.	CB-1108003	2 µg
		CB-1108011	10 µg
		CB-1108101	1 mg
IGFBP-1	Hu Insulin Like Growth Factor Binding Protein-1 rec.	CB-3000001	5 µg
		CB-3000002	20 µg
		CB-3000003	1 mg
IGFBP-3	Hu Insulin Like Growth Factor Binding Protein-3 rec.	P-3000005	5 µg
		P-3000025	25 µg
		P-3001000	1 mg
IGFBP-5	Hu Insulin Like Growth Factor Binding Protein-5 rec.	CB-3000004	5 µg
		CB-3000005	25 µg
		CB-3000006	1 mg
IGFBP-6	Hu Insulin Like Growth Factor Binding Protein-6 rec.	CB-3000007	5 µg
		CB-3000008	20 µg
		CB-3000009	1 mg
IGF1 des1-3	Hu Insulin Like Growth Factor-1 Des (1-3) rec.	CB-1104115	20 µg
		CB-1104116	100 µg
		CB-1104117	1 mg
IGF-1	Hu Insulin Like Growth Factor-1 rec.	CB-1104112	20 µg
		CB-1104113	100 µg
		CB-1104114	1 mg
IGF-2	Hu Insulin Like Growth Factor-2 rec.	CB-1104201	10 µg
		CB-1104202	50 µg
		CB-1104203	1 mg
Insulin	Hu Insulin rec.	P-2701002	25 mg
		P-2701001	250 mg
		P-2701000	1 g
IRF-1	Hu Interferon Regulatory Factor-1 rec.	CB-1121000	10 µg
		CB-1121001	50 µg
		CB-1121002	1 mg
IRF-3	Hu Interferon Regulatory Factor-3 rec.	CB-1121003	10 µg
		CB-1121004	50 µg
		CB-1121005	1 mg

continue →



Growth Factors

Human (Hu) Cytokines and Growth Factors

SHORT TERM	DESCRIPTION	CAT#	SIZE
IFN-a 1	Hu Interferon-alpha 1 rec.	CB-2120100	2 µg
		CB-2120101	10 µg
		CB-2120102	1 mg
IFN-a 1a	Hu Interferon-alpha 1a rec.	CB-2120103	20 µg
		CB-2120104	100 µg
		CB-2120105	1 mg
IFN-a 1b	Hu Interferon-alpha 1b rec.	CB-2120106	20 µg
		CB-2120107	100 µg
		CB-2120108	1 mg
IFN-a 2a	Hu Interferon-alpha 2a rec.	CB-2120110	20 µg
		CB-2120112	100 µg
		CB-2120113	1 mg
IFN-a 2b	Hu Interferon-alpha 2b rec.	CB-2120114	20 µg
		CB-2120115	100 µg
		CB-2120116	1 mg
IFN-a 2b Yeast	Hu Interferon-alpha 2b Saccharomyces rec.	CB-2120117	10 µg
		CB-2120118	50 µg
		CB-2120119	1 mg
IFN-b 1a	Hu Interferon-beta 1a rec.	P-2360011	2 µg
		P-2360012	10 µg
		P-2360013	1 mg
IFN-b 1b	Hu Interferon-beta 1b rec.	CB-2120120	2 µg
		CB-2120121	10 µg
		CB-2120122	1 mg
IFN-g His	Hu Interferon-gamma His Tag rec.	CB-2120123	10 µg
		CB-2120124	50 µg
		CB-2120125	1 mg
IFN-g	Hu Interferon-gamma rec.	P-2060020	20 µg
		P-2060100	100 µg
		P-2061000	1 mg
IL-1a	Hu Interleukin-1 alpha rec.	CB-2130110	2 µg
		CB-2130111	10 µg
		CB-2130112	1 mg
IL-1a His	Hu Interleukin-1 alpha, His Tag rec.	CB-2130117	5 µg
		CB-2130118	20 µg
		CB-2130119	1 mg
IL-1b	Hu Interleukin-1 beta rec.	CB-2130120	2 µg
		CB-2130121	10 µg
		CB-2130122	1 mg
IL-1b His	Hu Interleukin-1 beta, His Tag rec.	CB-2130123	5 µg
		CB-2130124	20 µg
		CB-2130125	1 mg
IL-1ra	Hu Interleukin-1 receptor antagonist rec.	CB-2130190	10 µg
		CB-2130192	50 µg
		CB-2130193	1 mg
IL-1ra His	Hu Interleukin-1 receptor antagonist, His Tag rec.	CB-2130194	10 µg
		CB-2130195	50 µg
		CB-2130196	1 mg
IL-10	Hu Interleukin-10 rec.	CB-2131000	2 µg
		CB-2131001	10 µg
		CB-2131002	1 mg
IL-10 CHO	Hu Interleukin-10, CHO rec.	CB-2131003	2 µg
		CB-2131004	10 µg
		CB-2131005	1 mg

continue →



Growth Factors

Human (Hu) Cytokines and Growth Factors

SHORT TERM	DESCRIPTION	CAT#	SIZE
IL-10 His	Hu Interleukin-10, His Tag rec.	CB-2131006	2 µg
		CB-2131007	10 µg
		CB-2131008	1 mg
IL-11	Hu Interleukin-11 rec.	CB-2131100	2 µg
		CB-2131101	10 µg
		CB-2131102	1 mg
IL-12 p35 His	Hu Interleukin-12 p35, His Tag rec.	CB-2131203	2 µg
		CB-2131204	10 µg
		CB-2131205	1 mg
IL-12 p40 His	Hu Interleukin-12 p40, His Tag rec.	CB-2131206	2 µg
		CB-2131207	10 µg
		CB-2131208	1 mg
IL-12	Hu Interleukin-12 rec.	CB-2131200	2 µg
		CB-2131201	10 µg
		CB-2131202	1 mg
IL-13	Hu Interleukin-13 rec.	CB-2131300	2 µg
		CB-2131301	10 µg
		CB-2131302	1 mg
IL-13 His	Hu Interleukin-13, His Tag rec.	CB-2131303	2 µg
		CB-2131304	10 µg
		CB-2131305	1 mg
IL-15	Hu Interleukin-15 rec.	CB-2131500	2 µg
		CB-2131501	10 µg
		CB-2131502	1 mg
IL-15 His	Hu Interleukin-15, His Tag rec.	CB-2131503	2 µg
		CB-2131504	10 µg
		CB-2131506	1 mg
IL-16	Hu Interleukin-16 rec.	CB-2131600	2 µg
		CB-2131601	10 µg
		CB-2131602	1 mg
IL-16, His	Hu Interleukin-16, His Tag rec.	CB-2131603	2 µg
		CB-2131604	10 µg
		CB-2131605	1 mg
IL-17	Hu Interleukin-17A rec.	CB-2131700	5 µg
		CB-2131701	25 µg
		CB-2131702	1 mg
IL-18	Hu Interleukin-18 rec.	CB-2131802	5 µg
		CB-2131801	25 µg
		CB-2131803	1 mg
IL-19	Hu Interleukin-19 rec.	CB-2131900	2 µg
		CB-2131901	10 µg
		CB-2131902	1 mg
IL-2	Hu Interleukin-2 rec	CB-2130203	10 µg
		CB-2130202	50 µg
		CB-2130204	1 mg
IL-20	Hu Interleukin-20 rec.	CB-2132000	2 µg
		CB-2132001	10 µg
		CB-2132002	1 mg
IL-21	Hu Interleukin-21 rec.	CB-2132100	2 µg
		CB-2132101	10 µg
		CB-2132102	1 mg
IL-22	Hu Interleukin-22 rec.	CB-2132200	2 µg
		CB-2132201	10 µg
		CB-2132202	1 mg

continue →



Growth Factors

Human (Hu) Cytokines and Growth Factors

SHORT TERM	DESCRIPTION	CAT#	SIZE
IL-24	Hu Interleukin-24 rec.	CB-2132400	2 µg
		CB-2132401	10 µg
		CB-2132402	1 mg
IL-3	Hu Interleukin-3 rec.	CB-2130300	2 µg
		CB-2130301	10 µg
		CB-2130304	1 mg
IL-3 His	Hu Interleukin-3, His Tag rec.	CB-2130305	10 µg
		CB-2130306	50 µg
		CB-2130307	1 mg
IL-3 Sf9	Hu Interleukin-3, Sf9 rec.	CB-2130308	2 µg
		CB-2130309	10 µg
		CB-2130310	1 mg
IL-33	Hu Interleukin-33 rec.	CB-2130330	2 µg
		CB-2130331	10 µg
		CB-2130332	1 mg
IL-4 CHO	Hu Interleukin-4 CHO rec.	CB-2130408	2 µg
		CB-2130409	10 µg
		CB-2130410	1 mg
IL-4	Hu Interleukin-4 rec.	CB-2130405	2 µg
		CB-2130407	10 µg
		CB-2130406	1 mg
IL-4 His	Hu Interleukin-4, His Tag rec.	CB-2130411	5 µg
		CB-2130412	20 µg
		CB-2130413	1 mg
IL-5	Hu Interleukin-5 rec.	CB-2130500	2 µg
		CB-2130501	10 µg
		CB-2130502	1 mg
IL-6	Hu Interleukin-6 rec.	CB-2130600	5 µg
		CB-2130603	20 µg
		CB-2130604	1 mg
IL-6 CHO	Hu Interleukin-6, CHO rec.	CB-2130605	10 µg
		CB-2130606	50 µg
		CB-2130607	1 mg
IL-6 His	Hu Interleukin-6, His Tag rec.	CB-2130608	2 µg
		CB-2130609	10 µg
		CB-2130610	1 mg
IL-7	Hu Interleukin-7 rec.	CB-2130703	2 µg
		CB-2130704	10 µg
		CB-2130705	1 mg
IL-7 His	Hu Interleukin-7, His Tag rec.	CB-2130706	2 µg
		CB-2130707	10 µg
		CB-2130708	1 mg
IL-7 Yeast	Hu Interleukin-7, Saccharomyces rec.	CB-2130709	2 µg
		CB-2130710	10 µg
		CB-2130711	1 mg
IL-9	Hu Interleukin-9 rec.	CB-2130900	2 µg
		CB-2130901	10 µg
		CB-2130902	1 mg
KGF	Hu Keratinocyte Growth Factor rec.	CB-1105000	2 µg
		CB-1105001	10 µg
		CB-1105003	1 mg
KGF-2	Hu Keratinocyte Growth Factor-2 rec.	CB-1105004	5 µg
		CB-1105005	25 µg
		CB-1105006	1 mg

continue →



Growth Factors

Human (Hu) Cytokines and Growth Factors

SHORT TERM	DESCRIPTION	CAT#	SIZE
Leptin BD	Hu Leptin Binding Domain rec.	CB-1300061	10 µg
		CB-1300062	50 µg
		CB-1300063	1 mg
Leptin qA	Hu Leptin Quadruple Antagonist rec.	CB-1300064	20 µg
		CB-1300065	100 µg
		CB-1300066	1 mg
Leptin	Hu Leptin rec.	CB-1300058	200 µg
		CB-1300059	1 mg
		CB-1300060	5 mg
Leptin tA	Hu Leptin Triple Antagonist rec.	CB-1300067	20 µg
		CB-1300068	100 µg
		CB-1300069	1 mg
Leptin His	Hu Leptin, His Tag rec.	CB-1300070	5 µg
		CB-1300071	25 µg
		CB-1300072	1 mg
LeukinFeron	Hu LeukinFeron	CB-1300022	10000 IU
		CB-1300023	20000 IU
		CB-1300024	100000 IU
LFA-3	Hu Leukocyte Function Associated Antigen-3 Fusion Protein rec.	CB-1300073	20 µg
		CB-1300074	100 µg
		CB-1300075	1 mg
LIF	Hu Lif rec.	CB-1106001	10 µg
		CB-1106002	1 mg
MCSF	Hu Macrophage Colony Stimulating Factor rec.	CB-1123000	2 µg
		CB-1123001	10 µg
		CB-1123002	1 mg
MIF His-C	Hu Macrophage Migration Inhibitor Factor, His Tag C-Terminus rec.	CB-1310000	5 µg
		CB-1310001	25 µg
		CB-1310002	1 mg
MIF His-N	Hu Macrophage Migration Inhibitor Factor, His Tag N-Terminus rec.	CB-1310003	5 µg
		CB-1310004	25 µg
		CB-1310005	1 mg
MIA	Hu Melanoma Inhibitory Activity Protein rec.	CB-1310006	5 µg
		CB-1310007	20 µg
		CB-1310008	1 mg
Midkine	Hu Midkine rec.	CB-1310009	5 µg
		CB-1310010	20 µg
		CB-1310011	1 mg
Myostatin Propeptide	Hu Myostatin Propeptide rec.	CB-1310015	5 µg
		CB-1310016	25 µg
		CB-1310017	1 mg
Myostatin	Hu Myostatin rec.	CB-1310012	2 µg
		CB-1310013	10 µg
		CB-1310014	1 mg
Myostatin His	Hu Myostatin, His-Tag rec.	CB-1310018	2 µg
		CB-1310019	10 µg
		CB-1310020	1 mg
b-NGF	Hu Nerve Growth Factor beta rec.	CB-1117001M	5 µg
		CB-1117001	20 µg
		CB-1117002	1 mg
NRG1	Hu Neuregulin-1/Heregulin-b2 rec.	CB-4070010	10 µg
		CB-4070011	50 µg
		CB-4070012	1 mg

continue →



Growth Factors

Human (Hu) Cytokines and Growth Factors

SHORT TERM	DESCRIPTION	CAT#	SIZE
Neuroglubin	Hu Neuroglobin rec.	CB-4070013	2 µg
		CB-4070014	10 µg
		CB-4070015	1 mg
NT-3	Hu Neurotrophin-3 rec.	CB-1125030	2 µg
		CB-1125032	10 µg
		CB-1125033	1 mg
NT-4	Hu Neurotrophin-4 rec.	CB-1125041	10 µg
NOG	Hu Noggin rec.	CB-1126000	5 µg
		CB-1126001	20 µg
		CB-1126002	1 mg
Omentin	Hu Omentin rec.	CB-1310021	2 µg
		CB-1310022	10 µg
		CB-1310023	1 mg
OSM	Hu Oncostatin-M rec.	CB-1310024	2 µg
		CB-1310025	10 µg
		CB-1310026	1 mg
OPG	Hu Osteoprotegerin rec.	CB-3100049	10 µg
		CB-3100050	50 µg
		CB-3100051	1 mg
OPG His	Hu Osteoprotegerin, His Tag rec.	CB-3100052	10 µg
		CB-3100053	50 µg
		CB-3100054	1 mg
Periostin	Hu Periostin rec.	CB-1300076	2 µg
		CB-1300077	10 µg
		CB-1300078	1 mg
HGH 20kDa	Hu Pituitary Growth Hormone 20kDa rec.	CB-1300079	100 µg
		CB-1300080	200 µg
		CB-1300081	1 mg
PLGF-1	Hu Placenta Growth Factor-1 rec.	CB-1300082	2 µg
		CB-1300083	10 µg
		CB-1300084	1 mg
PLGF-2	Hu Placenta Growth Factor-2 rec.	CB-1300085	2 µg
		CB-1300086	10 µg
		CB-1300087	1 mg
HGH Placental	Hu Placental Corr Growth Hormone rec.	CB-1300088	100 µg
		CB-1300089	200 µg
		CB-1300090	1 mg
HGH 20kDa	Hu Placental Growth Hormone 20kDa rec.	CB-1300091	100 µg
		CB-1300092	200 µg
		CB-1300093	1 mg
PDGF-A	Hu Platelet Derived Growth Factor-A rec.	CB-1300094	5 µg
		CB-1300095	20 µg
		CB-1300096	1 mg
PDGF-AA	Hu Platelet Derived Growth Factor-AA rec.	CB-3410009	2 µg
		CB-3410010	10 µg
		CB-3410011	1 mg
PDGF-AB	Hu Platelet Derived Growth Factor-AB rec.	CB-1109300	2 µg
		CB-1109301	10 µg
		CB-1109302	1 mg
PDGF-B	Hu Platelet Derived Growth Factor-B rec.	CB-1109197	5 µg
		CB-1109198	20 µg
		CB-1109199	1 mg

continue →



Growth Factors

Human (Hu) Cytokines and Growth Factors

SHORT TERM	DESCRIPTION	CAT#	SIZE
PDGF-BB	Hu Platelet Derived Growth Factor-BB rec.	CB-1109200	2 µg
		CB-1109201	10 µg
		CB-1109202	1 mg
PDGF-BB Yeast	Hu Platelet Derived Growth Factor-BB, Yeast rec.	CB-1109203	2 µg
		CB-1109204	10 µg
		CB-1109205	1 mg
Pleiotrophin	Hu Pleiotrophin rec.	CB-1300097	5 µg
		CB-1300098	20 µg
		CB-1300099	1 mg
Pro-BMP-2	Hu Pro Bone Morphogenetic protein-2 rec.	CB-1300100	2 µg
		CB-1300101	10 µg
		CB-1300102	100 µg
PGRN	Hu Progranulin rec.	CB-1300103	2 µg
		CB-1300104	10 µg
		CB-1300105	100 µg
Prl	Hu Prolactin rec.	CB-1300106	10 µg
		CB-1300107	50 µg
		CB-1300108	1 mg
Prl-R	Hu Prolactin Receptor rec.	CB-1300109	2 µg
		CB-1300110	5 µg
		CB-1300111	10 µg
Prl His	Hu Prolactin, His Tag rec.	CB-1300112	5 µg
		CB-1300113	20 µg
		CB-1300114	1 mg
Pro-NGF	Hu Pro-Nerve Growth Factor rec.	CB-1117003	2 µg
		CB-1117004	10 µg
		CB-1117005	100 µg
RELM-b	Hu RELM-beta rec.	CB-1300115	5 µg
		CB-1300116	25 µg
		CB-1300117	1 mg
Resistin	Hu Resistin rec.	CB-1300118	5 µg
		CB-1300119	25 µg
		CB-1300120	1 mg
Resistin His	Hu Resistin, His Tag rec.	CB-1300121	5 µg
		CB-1300122	25 µg
		CB-1300123	1 mg
sCD4	Hu Soluble CD4 rec.	RE-001	2 µg
		RE-002	10 µg
		RE-003	1 mg
sCD40L	Hu soluble CD40 Ligand/TRAP rec.	RE-010	10 µg
		RE-015	50 µg
		RE-020	1 mg
sIL-2R	Hu Soluble Interleukin-2 Receptor alpha rec.	RE-004	5 µg
		RE-005	25 µg
		RE-006	1 mg
sIL-6R	Hu Soluble IL-6 Receptor alpha rec.	RE-007	5 µg
		RE-008	20 µg
		RE-009	1 mg
sRANKL	Hu Soluble RANK Ligand rec.	RE-110	2 µg
		RE-111	10 µg
		RE-112	1 mg
sTNFR1	Hu Soluble Tumor Necrosis Factor Receptor Inhibitor rec.	RE-113	10 µg
		RE-114	50 µg
		RE-115	1 mg

continue →



Growth Factors

Human (Hu) Cytokines and Growth Factors

SHORT TERM	DESCRIPTION	CAT#	SIZE
SCF	Hu Stem Cell Factor rec.	CB-1110000	2 µg
		CB-1110001	10 µg
		CB-1110002	1 mg
SCF Sf9	Hu Stem Cell Factor, Sf9, rec.	CB-1110003	2 µg
		CB-1110004	10 µg
		CB-1110005	1 mg
TPO	Hu Thrombopoietin rec.	CB-1127000	2 µg
		CB-1127001	10 µg
		CB-1127002	1 mg
TPO CHO	Hu Thrombopoietin, CHO, rec.	CB-1127003	2 µg
		CB-1127004	10 µg
		CB-1127005	1 mg
TRAIL	Hu TNF-Related Apoptosis Inducing Ligand/Apo2L rec.	CB-1127100	10 µg
		CB-1127500	50 µg
		CB-1127101	1 mg
TGF-b 1	Hu Transforming Growth Factor-Beta 1 rec.	CB-1111131	1 mg
		CB-1111122	5 µg
		CB-1111123	100 µg
TGF-b (644-850)	Hu Transforming Growth Factor-Beta 3 (644-850) rec.	CB-1111155	2 µg
		CB-1111156	5 µg
		CB-1111157	10 µg
TGF-b 3	Hu Transforming Growth Factor-Beta 3 rec.	CB-1111151	2 µg
		CB-1111153	10 µg
		CB-1111154	100 µg
rHuTNFR	Hu Tumor Necrosis Factor Receptor Fusion Protein rec.	CB-1111160	10 µg
		CB-1111161	50 µg
		CB-1111162	1 mg
TNF-a	Hu Tumor Necrosis Factor-alpha rec.	CB-1112011	10 µg
		CB-1112012	50 µg
		CB-1112013	1 mg
TNF-a His	Hu Tumor Necrosis Factor-alpha, His Tag rec.	CB-1112014	10 µg
		CB-1112015	50 µg
		CB-1112016	1 mg
TNF-a Mutant	Hu Tumor Necrosis Factor-alpha, Mutant rec.	CB-1112017	10 µg
		CB-1112018	50 µg
		CB-1112019	1 mg
TNF-b	Hu Tumor Necrosis Factor-beta rec.	CB-1112020	5 µg
		CB-1112021	20 µg
		CB-1112022	1 mg
TNF-b His	Hu Tumor Necrosis Factor-beta, His Tag rec.	CB-1112023	5 µg
		CB-1112024	20 µg
		CB-1112025	1 mg
VEGF (121)	Hu Vascular Endothelial Growth Factor (121) rec.	CB-1114000	2 µg
		CB-1114002	10 µg
		CB-1114003	1 mg
VEGF (121) Sf9	Hu Vascular Endothelial Growth Factor (121), Sf9, rec.	CB-1114004	2 µg
		CB-1114005	10 µg
		CB-1114006	1 mg
VEGF-His	Hu Vascular Endothelial Growth Factor His Tag rec.	CB-1114007	2 µg
		CB-1114008	10 µg
		CB-1114009	1 mg
VEGF	Hu Vascular Endothelial Growth Factor rec.	CB-1114100	2 µg
		CB-1114102	10 µg
		CB-1114103	1 mg

continue →



Growth Factors

Human (Hu) Cytokines and Growth Factors

SHORT TERM	DESCRIPTION	CAT#	SIZE
VEGF-C	Hu Vascular Endothelial Growth Factor Related Protein rec.	CB-1114010	2 µg
		CB-1114011	10 µg
		CB-1114012	1 mg
VEGF CHO	Hu Vascular Endothelial Growth Factor, CHO rec.	CB-1114013	2 µg
		CB-1114014	10 µg
		CB-1114015	1 mg
VEGF Sf9	Hu Vascular Endothelial Growth Factor, Sf9 rec.	CB-1114016	2 µg
		CB-1114017	10 µg
		CB-1114018	1 mg
VEGF-I	Hu Vascular Endothelial Growth Inhibitor rec.	CB-1114019	2 µg
		CB-1114020	10 µg
		CB-1114021	0.1 mg
Vaspin	Hu Vaspin rec.	CB-1114200	5 µg
		CB-1114201	25 µg
		CB-1114202	1 mg
Visfatin	Hu Visfatin rec.	CB-1114250	5 µg
		CB-1114251	25 µg
		CB-1114252	1 mg

Murine Cytokines and Growth Factors

SHORT TERM	DESCRIPTION	CAT#	SIZE
mIL-9	Murine Interleukin-9 rec.	CB-2230900	2 µg
		CB-2230901	10 µg
		CB-2230902	1 mg
mAcrp30 HEK	Murine Adiponectin glycosylated, HEK rec.	CB-2800017	2 µg
		CB-2800018	10 µg
		CB-2800019	1 mg
mgAcrp30	Murine Adiponectin rec.	CB-2800023	20 µg
		CB-2800024	100 µg
		CB-2800025	1 mg
Acrp30 Tri	Murine Adiponectin Trimeric Form rec.	CB-2800020	2 µg
		CB-2800021	10 µg
		CB-2800022	1 mg
mb-NGF	Murine beta Nerve Growth Factor	CB-1117007	5 µg
		CB-1117008	20 µg
		CB-1117009	1 mg
mEndoglin	Murine Endoglin rec.	CB-2810000	2 µg
		CB-2810001	10 µg
		CB-2810002	1 mg
mEGF	Murine Epidermal Growth Factor rec.	CB-1214120	100 µg
		CB-1214121	500 µg
		CB-1214122	1 mg
mFGF-21	Murine Fibroblast Growth Factor-21 rec.	CB-1214123	2 µg
		CB-1214124	10 µg
		CB-1214125	1 mg
mFGF-21 His	Murine Fibroblast Growth Factor-21, His Tag rec.	CB-1214126	2 µg
		CB-1214127	10 µg
		CB-1214128	1 mg
mFGF-9	Murine Fibroblast Growth Factor-9 rec.	CB-2240000	2 µg
		CB-2240001	10 µg
		CB-2240002	1 mg

continue →



Growth Factors

Murine Cytokines and Growth Factors

SHORT TERM	DESCRIPTION	CAT#	SIZE
mFGF-1	Murine Fibroblast Growth Factor-acidic rec.	CB-1214129 CB-1214130 CB-1214131	10 µg 50 µg 1 mg
mFGF-2	Murine Fibroblast Growth Factor-basic rec.	P-3860001 P-3860002 P-3860003	10 µg 50 µg 1 mg
mFlt3	Murine Flt3-Ligand rec.	CB-2250000 CB-2250001 CB-2250002	2 µg 10 µg 1 mg
mGMCSF	Murine Granulocyte Macrophage-Colony Stimulating Factor rec.	CB-2210000 CB-2210001 CB-2210002	2 µg 10 µg 1 mg
mGCSF	Murine Granulocyte-Colony Stimulating Factor rec.	CB-1200000 CB-1200001 CB-1200002	2 µg 10 µg 1 mg
mIGF-1	Murine Insulin Like Growth Factor-1 rec.	CB-1214141 CB-1214142 CB-1214143	10 µg 50 µg 1 mg
mIFN-g	Murine Interferon-gamma rec.	CB-2230030 CB-2230031 CB-2230032	20 µg 100 µg 1 mg
mIL-1a	Murine Interleukin-1 alpha rec.	CB-2230110 CB-2230111 CB-2230112	2 µg 10 µg 1 mg
mIL-1b	Murine Interleukin-1 beta rec.	CB-2230120 CB-2230121 CB-2230122	2 µg 10 µg 1 mg
mIL-10	Murine Interleukin-10 rec.	CB-2231000 CB-2231001 CB-2231002	2 µg 10 µg 1 mg
mIL-12	Murine Interleukin-12 rec.	CB-2231200 CB-2231201 CB-2231202	2 µg 10 µg 0.1 mg
mIL-13	Murine Interleukin-13 rec.	P-3750001 P-3750002 P-3750003	2 µg 10 µg 1 mg
mIL-15	Murine Interleukin-15 rec.	CB-2230150 CB-2230151 CB-2230152	2 µg 10 µg 1 mg
mIL-16	Murine Interleukin-16 rec.	CB-2131607 CB-2131608 CB-2131609	2 µg 10 µg 1 mg
mIL-17	Murine Interleukin-17 rec.	P-3780002 P-3780003 P-3780004	5 µg 25 µg 1 mg
mIL-19	Murine Interleukin-19 rec.	CB-2231900 CB-2231901 CB-2231902	2 µg 10 µg 1 mg
mIL-2	Murine Interleukin-2 rec.	CB-2230220 CB-2230221 CB-2230222	5 µg 20 µg 1 mg
mIL-20	Murine Interleukin-20 rec.	CB-2232010 CB-2232011 CB-2232012	2 µg 10 µg 1 mg

continue →



Growth Factors

Murine Cytokines and Growth Factors

SHORT TERM	DESCRIPTION	CAT#	SIZE
mIL-3	Murine Interleukin-3 rec.	CB-2230300	2 µg
		CB-2230301	10 µg
		CB-2230302	1 mg
mIL-4	Murine Interleukin-4 rec.	CB-2230403	2 µg
		CB-2230401	10 µg
		CB-2230402	1 mg
mIL-6	Murine Interleukin-6 rec.	CB-2230600	2 µg
		CB-2230601	10 µg
		CB-2230602	1 mg
mIL-7	Murine Interleukin-7 rec.	P-3720001	2 µg
		P-3720002	10 µg
		P-3720003	1 mg
mLeptin	Murine Leptin rec.	CB-1300124	200 µg
		CB-1300125	1 mg
		CB-1300126	5 mg
mLeptin tA	Murine Leptin Triple Antagonist rec.	CB-1300127	20 µg
		CB-1300128	100 µg
		CB-1300129	1 mg
mMCSF	Murine Macrophage Colony Stimulating Factor rec.	P-4390002	2 µg
		P-4390010	10 µg
		P-4390011	1 mg
mPDGF-BB	Murine Platelet Derived Growth Factor-BB rec.	CB-4120002	2 µg
		CB-4120010	10 µg
		CB-4120011	1 mg
mPrI	Murine Prolactin rec.	CB-4120012	250 µg
		CB-4120013	500 µg
		CB-4120014	1 mg
mRELM-a	Murine RELM-alpha rec.	CB-4130000	5 µg
		CB-4130001	25 µg
		CB-4130002	1 mg
mRELM-g	Murine RELM-Gamma rec.	CB-4130003	5 µg
		CB-4130004	25 µg
		CB-4130005	1 mg
mResistin	Murine Resistin rec.	CB-4120015	5 µg
		CB-4120016	25 µg
		CB-4120017	1 mg
msCD40L	Murine soluble CD40 Ligand/TRAP rec.	RE-116	5 µg
		RE-117	25 µg
		RE-118	1 mg
msRANKL	Murine Soluble RANK Ligand rec.	RE-119	2 µg
		RE-120	10 µg
		RE-121	1 mg
mSCF	Murine Stem Cell Factor rec.	CB-1210000	2 µg
		CB-1210001	10 µg
		CB-1210003	1 mg
mTPO	Murine Thrombopoietin rec.	P-3460002	2 µg
		P-3460010	10 µg
		P-3461000	1 mg
mTNF-a	Murine Tumor Necrosis Factor-alpha rec.	CB-1212011M	5 µg
		CB-1212011	20 µg
		CB-1212012	1 mg
rmVEGF	Murine Vascular Endothelial Growth Factor rec.	CB-1214000	2 µg
		CB-1214001	10 µg
		CB-1214002	1 mg

continue →



Growth Factors

Murine Cytokines and Growth Factors

SHORT TERM	DESCRIPTION	CAT#	SIZE
mVEGF Sf9	Murine Vascular Endothelial Growth Factor-Sf9 rec.	CB-1214003	2 µg
		CB-1214004	10 µg
		CB-1214005	1 mg
mVisfatin	Murine Visfatin rec.	CB-1114253	5 µg
		CB-1114254	25 µg
		CB-1114255	1 mg

Rat Cytokines and Growth Factors

SHORT TERM	DESCRIPTION	CAT#	SIZE
rAPO-J	Rat Apolipoprotein-J rec.	CB-2420000	2 µg
		CB-2420001	10 µg
		CB-2420002	1 mg
rGMCSF	Rat Granulocyte Macrophage-Colony Stimulating Factor rec.	CB-2420003	2 µg
		CB-2420004	10 µg
		CB-2420005	1 mg
rGH	Rat Growth Hormone rec.	CB-2420006	100 µg
		CB-2420007	200 µg
		CB-2420008	1 mg
rIL-5	Rat IL-5 rec.	CB-2420009	2 µg
		CB-2420010	10 µg
		CB-2420011	1 mg
rIGF-1	Rat Insulin Like Growth Factor-1 rec.	CB-2420012	10 µg
		CB-2420013	50 µg
		CB-2420014	1 mg
rIFN-g	Rat Interferon-gamma rec.	CB-2420031	20 µg
		CB-2420032	100 µg
		CB-2420033	1 mg
rIL-1a	Rat Interleukin-1 alpha rec.	CB-2430119	2 µg
		CB-2430120	10 µg
		CB-2430122	1 mg
rIL-1b	Rat Interleukin-1 beta rec.	CB-2430123	2 µg
		CB-2430121	10 µg
		CB-2430124	1 mg
rIL-10	Rat Interleukin-10 rec.	CB-2430125	2 µg
		CB-2430126	10 µg
		CB-2430127	1 mg
rIL-12	Rat Interleukin-12 rec.	CB-2430128	2 µg
		CB-2430129	10 µg
		CB-2430130	0.1 mg
rIL-13	Rat Interleukin-13 rec.	CB-2430131	2 µg
		CB-2430132	10 µg
		CB-2430133	1 mg
rIL-15	Rat Interleukin-15 rec.	CB-2430134	2 µg
		CB-2430135	10 µg
		CB-2430136	1 mg
rIL-18	Rat Interleukin-18 rec.	CB-2430137	2 µg
		CB-2430138	10 µg
		CB-2430139	1 mg
rIL-2	Rat Interleukin-2 rec.	CB-2430140	5 µg
		CB-2430141	25 µg
		CB-2430142	1 mg

continue →



Growth Factors

Rat Cytokines and Growth Factors

SHORT TERM	DESCRIPTION	CAT#	SIZE
rIL-3	Rat Interleukin-3 rec.	CB-2430300	5 µg
		CB-2430301	20 µg
		CB-2430302	1 mg
rIL-4	Rat Interleukin-4 rec.	CB-2430400	2 µg
		CB-2430401	10 µg
		CB-2430402	1 mg
rIL-6	Rat Interleukin-6 rec.	CB-2430600	2 µg
		CB-2430601	10 µg
		CB-2430602	1 mg
rLeptin	Rat Leptin rec.	CB-1300151	200 µg
		CB-1300152	1 mg
		CB-1300153	5 mg
rLeptin tA	Rat Leptin Triple Antagonist rec.	CB-1300154	20 µg
		CB-1300155	100 µg
		CB-1300156	1 mg
rPrl	Rat Prolactin rec.	CB-2440000	250 µg
		CB-2440001	500 µg
		CB-2440002	1 mg
rResistin	Rat Resistin rec.	CB-2440003	5 µg
		CB-2440004	25 µg
		CB-2440005	1 mg
rSCF	Rat Stem Cell Factor rec.	CB-2450000	2 µg
		CB-2450001	10 µg
		CB-2450002	1 mg
rTNF-a	Rat Tumor Necrosis Factor-alpha rec.	CB-1412010	5 µg
		CB-1412011	20 µg
		CB-1412012	1 mg
rVEGF	Rat Vascular Endothelial Growth Factor rec.	CB-2460000	2 µg
		CB-2460001	10 µg
		CB-2460002	1 mg
rVEGF-C	Rat Vascular Endothelial Growth Factor Related Protein rec.	CB-2460003	2 µg
		CB-2460004	10 µg
		CB-2460005	1 mg
rVEGF-C (152)	Rat Vascular Endothelial Growth Factor-C (152) rec.	CB-2460006	2 µg
		CB-2460007	10 µg
		CB-2460008	1 mg

Other Species Cytokines and Growth Factors

SHORT TERM	DESCRIPTION	CAT#	SIZE
bECGS	ECGS (from bovine hypothalamus)	CB-11000050	50 µg
bBTC	Bovine Betacellulin rec.	CB-1300031	5 µg
		CB-1300032	20 µg
		CB-1300033	1 mg
bFGF-2	Bovine Fibroblast Growth Factor-basic rec.	P-2880001	10 µg
		P-2880002	50 µg
		P-2880003	1 mg
bGHBP	Bovine Growth Hormone Binding Protein rec.	CB-1300034	100 µg
		CB-1300035	200 µg
		CB-1300036	1 mg

continue →



Growth Factors

Other Species Cytokines and Growth Factors

SHORT TERM	DESCRIPTION	CAT#	SIZE
bInsulin	Bovine Insulin	CB-1300016	25 mg
		CB-1300017	250 mg
		CB-1300018	1 g
bLeptin	Bovine Leptin rec.	CB-1300001	100 µg
		CB-1300002	200 µg
		CB-1300003	1 mg
bPL	Bovine Placental Lactogen rec.	CB-1300037	10 µg
		CB-1300038	50 µg
		CB-1300039	1 mg
bPrI-R	Bovine Prolactin Soluble Receptor rec.	CB-1300040	10 µg
		CB-1300041	50 µg
		CB-1300042	1 mg
cPL	Caprine Placental Lactogen rec.	CB-1300043	10 µg
		CB-1300044	50 µg
		CB-1300045	1 mg
cGH	Carprine Growth Hormone rec.	CB-1300046	100 µg
		CB-1300047	200 µg
		CB-1300048	1 mg
chGH	Chicken Growth Hormone rec.	CB-1300049	100 µg
		CB-1300050	200 µg
		CB-1300051	1 mg
chLeptin BD	Chicken Leptin Binding Domain rec.	CB-1300007	10 µg
		CB-1300008	50 µg
		CB-1300009	1 mg
chLeptin	Chicken Leptin rec.	CB-1300004	100 µg
		CB-1300005	200 µg
		CB-1300006	1 mg
dGH	Denis Growth Hormone rec.	CB-1300052	100 µg
		CB-1300053	200 µg
		CB-1300054	1 mg
dIGF-1	Denis Insulin Like Growth Factor-1 rec.	CB-1300055	20 µg
		CB-1300056	100 µg
		CB-1300057	1 mg
dLeptin	Dog Leptin rec.	CB-1300010	100 µg
		CB-1300011	200 µg
		CB-1300012	1 mg
hLeptin	Horse Leptin rec.	CB-1300013	100 µg
		CB-1300014	200 µg
		CB-1300015	1 mg
oGH-A	Ovine Growth Hormone Anatagonist rec.	CB-2310003	100 µg
		CB-2310004	200 µg
		CB-2310005	1 mg
oGHBP	Ovine Growth Hormone Binding Protein rec.	CB-2310006	100 µg
		CB-2310007	200 µg
		CB-2310008	1 mg
oGH	Ovine Growth Hormone rec.	CB-2310000	100 µg
		CB-2310001	200 µg
		CB-2310002	1 mg
oIFN-tau	Ovine Interferon-Tau rec.	CB-2310009	2 µg
		CB-2310010	10 µg
		CB-2310011	1 mg
oLeptin qA	Ovine Leptin Quadruple Antagonist rec.	CB-1300145	20 µg
		CB-1300146	100 µg
		CB-1300147	1 mg

continue →



Growth Factors

Other Species Cytokines and Growth Factors

SHORT TERM	DESCRIPTION	CAT#	SIZE
oLeptin	Ovine Leptin rec.	CB-1300142	100 µg
		CB-1300143	200 µg
		CB-1300144	1 mg
oLeptin tA	Ovine Leptin Triple Antagonist rec.	CB-1300148	20 µg
		CB-1300149	100 µg
		CB-1300150	1 mg
oPL	Ovine Placental Lactogen rec.	CB-2310012	10 µg
		CB-2310013	50 µg
		CB-2310014	1 mg
oPrI-A	Ovine Prolactin Antagonist rec.	CB-2310018	10 µg
		CB-2310019	50 µg
		CB-2310020	1 mg
roPrI	Ovine Prolactin rec.	CB-2310015	10 µg
		CB-2310016	50 µg
		CB-2310017	1 mg
oPrI-R	Ovine Prolactin Soluble Receptor rec.	CB-2310021	10 µg
		CB-2310022	50 µg
		CB-2310023	1 mg
pGMCSF	Porcine Granulocyte Macrophage-Colony Stimulating Factor rec.	CB-2330000	2 µg
		CB-2330001	10 µg
		CB-2330002	1 mg
pGH	Porcine Growth Hormone rec.	CB-2330003	100 µg
		CB-2330004	500 µg
		CB-2330005	1 mg
pHGF	Porcine Hepatocyte Promoting Growth Factor	CB-1300025	2 µg
		CB-1300026	10 µg
		CB-1300027	1 mg
pInsulin	Porcine Insulin	CB-1300028	25 mg
		CB-1300029	250 mg
		CB-1300030	1 g
pIFN-g	Porcine Interferon-gamma rec.	CB-2330006	10 µg
		CB-2330007	50 µg
		CB-2330008	1 mg
pIL-1a	Porcine Interleukin-1 alpha rec.	CB-2330110	2 µg
		CB-2330111	10 µg
		CB-2330112	1 mg
pIL-1b	Porcine Interleukin-1 beta rec.	CB-2330113	2 µg
		CB-2330114	10 µg
		CB-2330115	1 mg
pIL-10	Porcine Interleukin-10 rec.	CB-2331000	2 µg
		CB-2331001	10 µg
		CB-2331002	1 mg
pIL-15	Porcine Interleukin-15 rec.	CB-2331500	2 µg
		CB-2331501	10 µg
		CB-2331502	1 mg
pIL-2	Porcine Interleukin-2 rec.	CB-2330200	2 µg
		CB-2330201	10 µg
		CB-2330202	0.1 mg
pIL-4	Porcine Interleukin-4 rec.	CB-2330400	2 µg
		CB-2330401	10 µg
		CB-2330402	1 mg
pIL-6	Porcine Interleukin-6 rec.	CB-2330600	2 µg
		CB-2330601	10 µg
		CB-2330602	0.1 mg

continue →



Growth Factors

Other Species Cytokines and Growth Factors

SHORT TERM	DESCRIPTION	CAT#	SIZE
pLeptin	Porcine Leptin rec.	CB-1300130	100 µg
		CB-1300131	200 µg
		CB-1300132	1 mg
rpTNF-a	Porcine Tumor Necrosis Factor-alpha rec.	CB-1400000	5 µg
		CB-1400001	20 µg
		CB-1400002	1 mg
raGH	Rabbit Growth Hormone rec.	CB-1410000	100 µg
		CB-1410001	200 µg
		CB-1410002	1 mg
raLeptin	Rabbit Leptin rec.	CB-1300133	100 µg
		CB-1300134	200 µg
		CB-1300135	1 mg
rPrl	Rabbit Prolactin rec.	CB-1300136	10 µg
		CB-1300137	50 µg
		CB-1300138	1 mg
raPrl-R	Rabbit Prolactin Soluble Receptor rec.	CB-1300139	10 µg
		CB-1300140	50 µg
		CB-1300141	1 mg

Chemokines

Human (Hu) Chemokines

SHORT TERM	DESCRIPTION	CAT#	SIZE
ENA-78	Hu Epithelial Neutrophil-Activating Protein 78 (CXCL5) rec.	CB-1232200	5 µg
		CB-1232201	20 µg
		CB-1232202	1 mg
Eotaxin	Hu Eotaxin (CCL11) rec.	CB-1232100	5 µg
		CB-1232101	20 µg
		CB-1232102	1 mg
Eotaxin His	Hu Eotaxin (CCL11), His Tag rec.	CB-1232103	5 µg
		CB-1232104	20 µg
		CB-1232105	1 mg
Exodus-2	Hu Exodus-2 (CCL21) rec.	P-3320001	5 µg
		P-3300002	20 µg
		P-3300003	1 mg
Fractalkine	Hu Fractalkine (CX3CL1) rec.	CB-2350005	5 µg
		CB-2350006	20 µg
		CB-2350007	1 mg
GRO-a	Hu GRO-alpha (CXCL1) rec.	CB-1232300	5 µg
		CB-1232301	25 µg
		CB-1232302	1 mg
GRO-b	Hu GRO-beta/MIP-2 (CXCL2) rec.	CB-1232500	2 µg
		CB-1232501	10 µg
		CB-1232502	1 mg
GRO-g	Hu GRO-gamma (CXCL3) rec.	CB-1232509	2 µg
		CB-1232510	10 µg
		CB-1232511	1 mg
HCC-1	Hu HCC-1 (CCL14) rec.	CB-1232600	2 µg
		CB-1232601	10 µg
		CB-1232602	1 mg

continue →



Chemokines

Human (Hu) Chemokines

SHORT TERM	DESCRIPTION	CAT#	SIZE
IL-8 (1-72)	Hu Interleukin-8 (1-72) (CXCL8) rec.	CB-2130805	5 µg
		CB-2130806	25 µg
		CB-2130807	1 mg
IL-8 (1-77)	Hu Interleukin-8 (1-77) (CXCL8) rec.	CB-2130808	5 µg
		CB-2130809	25 µg
		CB-2130810	1 mg
IL-8 (1-77) His	Hu Interleukin-8 (1-77) (CXCL8), His Tag rec.	CB-2130811	10 µg
		CB-2130812	50 µg
		CB-2130813	1 mg
IP-10	Hu IP-10 (CXCL10) rec.	CB-1232800	5 µg
		CB-1232801	25 µg
		CB-1232802	1 mg
IP-10 His	Hu IP-10 (CXCL10), His Tag rec.	CB-1232803	5 µg
		CB-1232804	25 µg
		CB-1232805	1 mg
I-TAC	Hu I-TAC (CXCL11) rec.	P-3340001	5 µg
		P-3340002	20 µg
		P-3340003	1 mg
I-TAC His	Hu I-TAC (CXCL11), His Tag rec.	CB-1170000	5 µg
		CB-1170001	20 µg
		CB-1170002	1 mg
Lymphotactin	Hu Lymphotactin (XCL1) rec.	CB-1122000	2 µg
		CB-1122001	10 µg
		CB-1122002	1 mg
MIP-1a	Hu Macrophage Inflammatory protein-1 alpha (CCL3) rec.	CB-1107405	5 µg
		CB-1107406	20 µg
		CB-1107407	1 mg
MIP-1a His	Hu Macrophage Inflammatory protein-1 alpha (CCL3), His Tag rec.	CB-1107408	2 µg
		CB-1107409	10 µg
		CB-1107410	1 mg
MIP-1b	Hu Macrophage Inflammatory protein-1 beta (CCL4) rec.	CB-1107417	2 µg
		CB-1107418	10 µg
		CB-1107419	1 mg
MIP-3b	Hu Macrophage Inflammatory protein-3 beta (CCL19) rec.	CB-1107420	5 µg
		CB-1107421	20 µg
		CB-1107422	1 mg
MIP-4	Hu Macrophage Inflammatory protein-4 (CCL18) rec.	CB-1107426	2 µg
		CB-1107427	10 µg
		CB-1107428	1 mg
MIG	Hu MIG (CXCL9) rec.	P-3330001	5 µg
		P-3330002	20 µg
		P-3330003	1 mg
MCP-1/MCAF	Hu Monocyte Chemotactic Protein-1/MCAF (CCL2) rec.	CB-1107000	5 µg
		CB-1107001	20 µg
		CB-1107002	1 mg
rMCP-2	Hu Monocyte Chemotactic Protein-2 (CCL8) rec.	CB-1407003	2 µg
		CB-1407004	10 µg
		CB-1407005	1 mg
rMCP-3	Hu Monocyte Chemotactic Protein-3 (CCL7) rec.	CB-1407006	2 µg
		CB-1407007	10 µg
		CB-1407008	1 mg
MCP-4	Hu Monocyte Chemotactic Protein-4 (CCL13) rec.	CB-1407012	2 µg
		CB-1407013	10 µg
		CB-1407014	1 mg

continue →



Chemokines

Human (Hu) Chemokines

SHORT TERM	DESCRIPTION	CAT#	SIZE
NAP-2	Hu Neutrophil Activating Protein-2 (CXCL7) rec.	CB-1104300	2 µg
		CB-1104301	10 µg
		CB-1104302	1 mg
PF-4	Hu Platelet Factor-4 (CXCL4)	CB-1109400	5 µg
		CB-1109401	20 µg
		CB-1109402	1 mg
Rantes	Hu Rantes (CCL5) rec.	CB-1118020	5 µg
		CB-1118021	20 µg
		CB-1118022	1 mg
SDF-1a	Hu Stromal Cell-Derived Factor-1 alpha (CXCL12) rec.	CB-1118004	2 µg
		CB-1118005	10 µg
		CB-1118006	1 mg
SDF-1b	Hu Stromal Cell-Derived Factor-1 beta (CXCL12) rec.	CB-1118010	2 µg
		CB-1118011	10 µg
		CB-1118012	1 mg

Murine Chemokines

SHORT TERM	DESCRIPTION	CAT#	SIZE
mC-10	Murine C-10 (CCL6) rec.	CB-1232000	2 µg
		CB-1232001	10 µg
		CB-1232002	1 mg
mEotaxin	Murine Eotaxin (CCL11) rec.	CB-1232106	5 µg
		CB-1232107	20 µg
		CB-1232108	1 mg
mKC	Murine GRO/KC (CXCL1) rec.	CB-1232400	5 µg
		CB-1232401	20 µg
		CB-1232402	1 mg
mGRO-b	Murine GRO-beta/MIP-2 (CXCL2) rec.	CB-1232503	5 µg
		CB-1232504	20 µg
		CB-1232505	1 mg
mIP-10	Murine IP-10 (CXCL10) rec.	CB-1232806	5 µg
		CB-1232807	25 µg
		CB-1232808	1 mg
mMIP-1 a	Murine Macrophage Inflammatory protein-1 alpha (CCL3) rec.	CB-1107411	2 µg
		CB-1107412	10 µg
		CB-1107413	1 mg
mMIP-3 b	Murine Macrophage Inflammatory protein-3 beta (CCL19) rec.	CB-1107423	5 µg
		CB-1107424	20 µg
		CB-1107425	1 mg
rmMIG	Murine MIG (CXCL9) rec.	CB-1108200	5 µg
		CB-1108201	20 µg
		CB-1108203	1 mg
mMCP-1	Murine Monocyte Chemotactic Protein-1 (CCL2) rec.	CB-2232000	2 µg
		CB-2232001	10 µg
		CB-2232002	1 mg
mMCP-3	Murine Monocyte Chemotactic Protein-3 (CCL7) rec.	CB-1407009	2 µg
		CB-1407010	10 µg
		CB-1407011	1 mg

continue →



Chemokines

Murine Chemokines

SHORT TERM	DESCRIPTION	CAT#	SIZE
mSDF-1a	Murine Stromal Cell-Derived Factor-1 alpha (CXCL12) rec.	CB-1118007	2 µg
		CB-1118008	10 µg
		CB-1118009	1 mg
mSDF-1b	Murine Stromal Cell-Derived Factor-1 beta (CXCL12) rec.	CB-1118013	2 µg
		CB-1118014	10 µg
		CB-1118015	1 mg

Other Chemokines

SHORT TERM	DESCRIPTION	CAT#	SIZE
pIL-8 (1-72)	Porcine Interleukin-8 (1-72) (CXCL8) rec.	CB-2130814	2 µg
		CB-2130815	10 µg
		CB-2130816	1 mg
rGRO-b	Rat GRO-beta/MIP-2 (CXCL2) rec.	CB-1232506	5 µg
		CB-1232507	25 µg
		CB-1232508	1 mg
rMIP-1a	Rat Macrophage Inflammatory protein-1 alpha (CCL3) rec.	CB-1107414	5 µg
		CB-1107415	20 µg
		CB-1107416	1 mg
rMCP-1	Rat Monocyte Chemotactic Protein-1 (CCL2) rec.	CB-1407000	2 µg
		CB-1407001	10 µg
		CB-1407002	1 mg

