

GROWTH FACTORS

Chemokines

CX3CL1

HUMAN Catalog # 2130-01

MURINE Catalog # 2330-01

RAT Catalog # 2530-01

5 µg	H M R
20 µg	H M R
1000 µg	H M R

Cytokines

CSF2 (GM-CSF), Human

1120-03-5 5 µg

1120-03-20 20 µg

1120-03-1000 1000 µg

CSF2 (GM-CSF)

MURINE Catalog # 1320-03

RAT Catalog # 1520-03

CANINE Catalog # 1420-03

RHESUS MACAQUE

Catalog # 1220-03

2 µg	RM
5 µg	M R C
10 µg	RM
20 µg	M R C
1000 µg	M R
1000 µg	RM

EGF

EGF

HUMAN Catalog # 1150-04

MURINE Catalog # 1350-04

100 µg	H M
500 µg	H M
1000 µg	H
1000 µg	M

EGF, Rat

1550-04-20 20 µg

1550-04-100 100 µg

BMP & Noggin

BMP2, Human

1180-02-2 2 µg

1180-02-10 10 µg

1180-02-100 100 µg

1180-02-1000 1000 µg

Noggin

HUMAN Catalog # 1180-09

MURINE Catalog # 1380-09

5 µg H M

20 µg H M

1000 µg H

1000 µg M

FGF

Acidic FGF (FGF1)

HUMAN Catalog # 1140-01

MURINE Catalog # 1340-01

10 µg **H M**

50 µg **H M**

1000 µg **H M**

Basic FGF (FGF2)

HUMAN Catalog # 1140-02

MURINE Catalog # 1340-02

RAT Catalog # 1540-02

BOVINE Catalog # 1640-02

10 µg **H M R B**

50 µg **H M R B**

1000 µg **H**

1000 µg **M**

1000 µg **R**

1000 µg **B**

FGF7/KGF1

HUMAN Catalog # 1140-07

MURINE Catalog # 1340-07

2 µg **H M**

10 µg **H M**

1000 µg **H M**

FGF10/KGF2

HUMAN Catalog # 1140-10

MURINE Catalog # 1340-10

RAT Catalog # 1540-10

5 µg **H M R**

25 µg **H M R**

1000 µg **H**

1000 µg **M R**

IGF & VEGF

IGF1, Human

1150-01-100 100 µg

1150-01-500 500 µg

1150-01-1000 1000 µg

IGF1

MURINE Catalog # 1350-01

RAT Catalog # 1550-01

10 µg **M R**

50 µg **M R**

1000 µg **M R**

VEGF120, Murine

1350-06-2 2 µg

1350-06-10 10 µg

1350-06-1000 1000 µg

VEGF165

HUMAN Catalog # 1150-05

MURINE Catalog # 1350-07

2 µg **H M**

10 µg **H M**

1000 µg **H**

1000 µg **M**

Interleukins

IL2, Human

1110-02-10 10 µg

1110-02-50 50 µg

1110-02-1000 1000 µg

IL2

MURINE Catalog # 1310-02

RAT Catalog # 1510-02

5 µg **M R**

20 µg **M R**

1000 µg **M R**

IL2, Porcine

1810-02-2 2 µg

1810-02-10 10 µg

1810-02-1000 1000 µg

IL3

HUMAN Catalog # 1110-03

MURINE Catalog # 1310-03

CANINE Catalog # 1410-03

RHESUS MACAQUE

Catalog # 1210-03

2 µg **H M C RM**

10 µg **H M C RM**

1000 µg **H**

1000 µg **M**

1000 µg **C RM**

IL6

MURINE Catalog # 1310-06

RAT Catalog # 1510-06

RHESUS MACAQUE

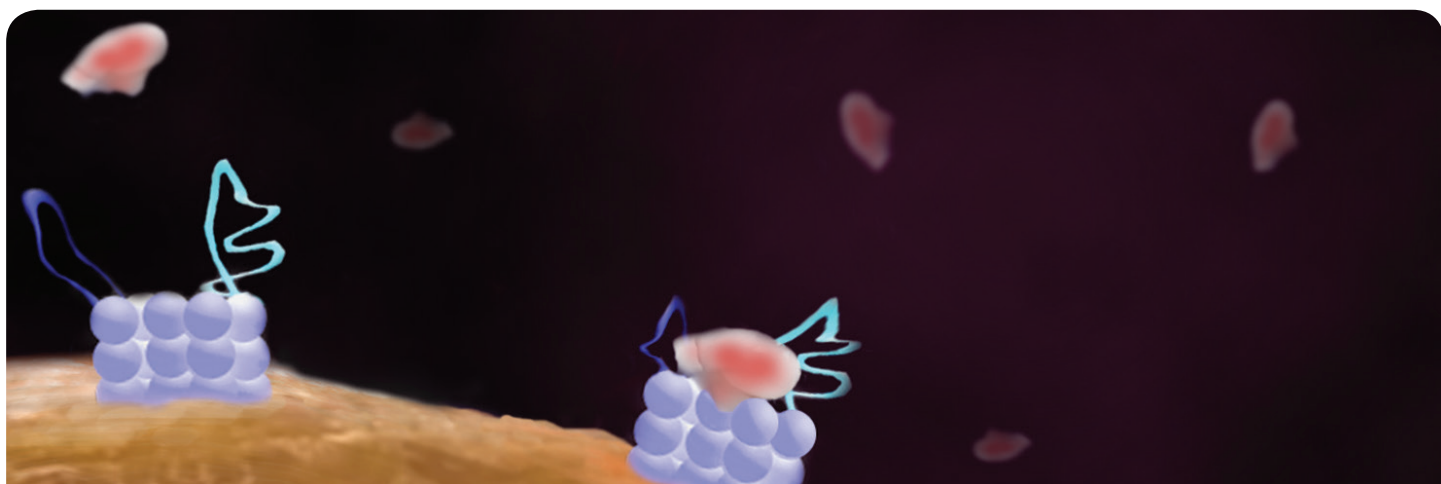
Catalog # 1210-06

2 µg **M R RM**

10 µg **M R RM**

1000 µg **M**

1000 µg **R RM**





Growth Factors Index

Growth Factor	Cat#
Amyloids	
SAA1, Rhesus Macaque	2250-01
BMP & Noggin	
BMP2, Human	1180-02
BMP4, Human Inactive Protein	1180-04
BMP7, Human Inactive Protein	1180-07
Noggin, Human	1180-09
Noggin, Murine	1380-09
TGF- β 2, Human	1150-42
Chemokines	
CCL1, Human	2140-01
CCL2, Human	2140-02
CCL3, Human	2140-03
CCL3, Murine	2340-03
CCL3, Rat	2540-03
CCL3L1, Human	2140-03A
CCL4, Human	2140-04
CCL4, Murine	2340-04
CCL4, Rat	2540-04
CCL4L1, Human	2140-04A
CCL5, Human	2140-05
CCL6, Murine	2340-06
CCL6, Rat	2540-06
CCL7, Human	2140-07
CCL7, Murine	2340-07
CCL7, Rat	2540-07
CCL8, Human	2140-08
CCL8, Murine	2340-08
CCL9 (CCL10), Murine	2340-09
CCL11, Human	2140-11
CCL11, Murine	2340-11
CCL11, Rat	2540-11
CCL11, Rhesus Macaque	2240-11
CCL12, Murine	2340-12
CCL13, Human	2140-13
CCL14 (66 aa), Human	2140-14A
CCL14, Human	2140-14
CCL15 (68 aa), Human	2140-15T
CCL15, Human	2140-15
CCL16, Human	2140-16
CCL17, Human	2140-17
CCL17, Rat	2540-17
CCL18, Human	2140-18
CCL19, Murine	2340-19

GROWTH FACTORS

Lymphoid/Lymphocyte

TNF- α , Human

1130-01-10	10 μ g
1130-01-50	50 μ g
1130-01-1000	1000 μ g

TNF- α , Murine

1330-01-5	5 μ g
1330-01-20	20 μ g
1330-01-1000	1000 μ g

LIF

HUMAN Catalog # 1130-07
MURINE Catalog # 1330-07

5 μ g	H M
25 μ g	H M
1000 μ g	H M

Neurotrophic Factors

GDNF

HUMAN Catalog # 1170-14
RAT Catalog # 1570-14

2 μ g	H R
10 μ g	H R
1000 μ g	H R

NTF4, Human

1170-04-2	2 μ g
1170-04-10	10 μ g
1170-04-1000	1000 μ g

Peptide Hormones

IGF1, Human

1150-01-100	100 μ g
1150-01-500	500 μ g
1150-01-1000	1000 μ g

IGF1

MURINE Catalog # 1350-01

RAT Catalog # 1550-01

10 μ g	M R
50 μ g	M R
1000 μ g	M R

PTH 1-84 (15N), Human

3110-05N-10	10 μ g
3110-05N-50	50 μ g
3110-05N-1000	1000 μ g

SHH

SHH, Human

6110-19-5	5 μ g
6110-19-25	25 μ g
6110-19-1000	1000 μ g

see our index
to find more
growth factors

Growth Factor	Cat#	Growth Factor	Cat#	Growth Factor	Cat#
CCL20, Human	2140-20	CXCL12-beta, Human	2110-12B	DEFB3, Murine	1390-03
CCL20, Murine	2340-20	CXCL12-beta, Murine	2310-12B	DEFB3, Rat	1590-03
CCL21, Human	2140-21	CXCL12-beta, Rat	2510-12B	DEFB4, Rat	1590-04
CCL21, Murine	2340-21	CXCL12-gamma, Human	2110-12C	DEFB4A, Human	1190-02
CCL22, Human	2140-22	CXCL13, Human	2110-13	EGF	
CCL22, Murine	2340-22	CXCL14, Murine	2310-14	AREG, Human	1150-11
CCL22, Rat	2540-22	CXCL14, Rat	2510-14	BTC, Human	1170-12
CCL23, Human	2140-23	CXCL16, Murine	2310-16	BTC, Murine	1370-12
CCL24, Human	2140-24	CXCL17, Human	2110-17	EGF, Human	1150-04
CCL24, Murine	2340-24	CXCL17, Rat	2510-17	EGF, Murine	1350-04
CCL24, Rat	2540-24	FAM19A2, Human	2150-01	EGF, Rat	1550-04
CCL25, Human	2140-25	MIP2, Virus	2910-02	EPGN (Epigen), Human	1150-06
CCL25, Murine	2340-25	PF4 (CXCL4), Human	2110-04	EREG, Human	1150-07
CCL26, Human	2140-26	PF4 (CXCL4), Murine	2310-04	HBEGF, Human	1150-14
CCL27, Murine	2340-27	PPBP (CXCL7), Human	2110-07	HBEGF, Murine	1350-08
CCL28, Human	2140-28	PPBP (CXCL7), Rat	2510-07	HBEGF, Rat	1550-08
CCL28, Murine	2340-28	XCL1, Human	2120-01	NRG1-beta1 (177-241 aa), Human	1170-10B
CCL28, Rat	2540-28	Cytokines		NRG1-beta2, Human	1170-10
CX3CL1, Human	2130-01	CSF1 (M-CSF), Human	1120-09	TGF- α , Human	1150-41
CX3CL1, Murine	2330-01	CSF1 (M-CSF), Murine	1320-09	FGF	
CX3CL1, Rat	2530-01	CSF2 (GM-CSF), Canine	1420-03	Acidic FGF (FGF1), Human	1140-01
CXCL1, Human	2110-01	CSF2 (GM-CSF), Human	1120-03	Acidic FGF (FGF1), Murine	1340-01
CXCL1, Murine	2310-01	CSF2 (GM-CSF), Murine	1320-03	Basic FGF (FGF2), Bovine	1640-02
CXCL1, Rat	2510-01	CSF2 (GM-CSF), Rat	1520-03	Basic FGF (FGF2), Human	1140-02
CXCL2, Human	2110-02	CSF2 (GM-CSF), Rhesus macaque	1220-03	Basic FGF (FGF2), Murine	1340-02
CXCL2, Murine	2310-02	CSF3 (G-CSF), Human	1120-02	Basic FGF (FGF2), Rat	1540-02
CXCL2, Rat	2510-02	CSF3 (G-CSF), Murine	1320-02	FGF4, Human	1140-04
CXCL3, Human	2110-03	CSF3 (G-CSF), Rat	1520-02	FGF7/KGF1, Human	1140-07
CXCL3, Murine	2310-03	CSF3 (G-CSF), Rhesus macaque	1220-02	FGF7/KGF1, Murine	1340-07
CXCL3-alpha, Rat	2510-03A	EPO- α , Human	1120-04	FGF8, Murine	1340-08
CXCL3-beta, Rat	2510-03B	EPO/Fc Chimera, Human	1120-04B	FGF9, Human	1140-09
CXCL5 (5-78 a.a.), Human	2110-05	KITLG (SCF), Canine	1420-01	FGF9, Murine	1340-09
CXCL5 (70 a.a.), Murine	2310-05T	KITLG (SCF), Human	1120-01	FGF9, Rat	1540-09
CXCL5 (8-78 a.a.), Human	2110-05T	KITLG (SCF), Murine	1320-01	FGF10/KGF2, Human	1140-10
CXCL5 (92 a.a.), Murine	2310-05	KITLG (SCF), Rat	1520-01	FGF10/KGF2, Murine	1340-10
CXCL6 (CXCL5), Rat	2510-05	SERPINF1, Human	1120-08	FGF10/KGF2, Rat	1540-10
CXCL9, Human	2110-09	THPO, Murine	1320-06	FGF13, Human	1140-13
CXCL9, Murine	2310-09	TSLP, Human	1120-07	FGF18, Human	1140-18
CXCL10, Human	2110-10	Defensins		FGF18, Murine	1340-18
CXCL10, Murine	2310-10	DEFB1, Human	1190-01	FGF18, Rat	1540-18
CXCL10, Rat	2510-10	DEFB1, Murine	1390-01	FGF19, Human	1140-19
CXCL10, Rhesus macaque	2210-10	DEFB1, Rat	1590-01	FGF21, Human	1140-21
CXCL11, Human	2110-11	DEFB103A, Human	1190-03	FGF21, Murine	1340-21
CXCL12-alpha, Human	2110-12A	DEFB104A, Human	1190-04	FGF21, Rat	1540-21
CXCL12-alpha, Murine	2310-12A	DEFB105A, Human	1190-05	FGF23, Human	1140-23
CXCL12-alpha, Rat	2510-12A	DEFB2, Murine	1390-02		

GROWTH FACTORS

Growth Factors Index Continued

Growth Factor	Cat#	Growth Factor	Cat#
Interferons			
IFN-alpha1A, Human	1160-01	IL4, Murine	1310-04
IFN-alpha1B, Human	1160-02	IL4, Rat	1510-04
IFN-alpha2A, Human	1160-03	IL4, Rhesus macaque	1210-04
IFN-alpha2B (E. coli), Human	1160-04E	IL5, Human	1110-05
IFN-alpha2B (S. cerevisiae), Human	1160-04Y	IL5, Murine	1310-05
IFN-beta1B, Human	1160-05	IL5, Rat	1510-05
IFN-gamma, Canine	1460-06	IL6, Human	1110-06
IFN-gamma, Equine	1060-06	IL6, Murine	1310-06
IFN-gamma, Human	1160-06	IL6, Rat	1510-06
IFN-gamma, Murine	1360-06	IL6, Rhesus macaque	1210-06
IFN-gamma, Rat	1560-06	IL7, Human	1110-07
IFN-lambda1 (IL29), Human	1160-07	IL7, Murine	1310-07
IFN-lambda2 (IL28A), Murine	1360-08	IL7, Rat	1510-07
IFN-lambda3 (IL28B), Murine	1360-08B	IL8, Canine	1410-08
IFN-omega1, Human	1160-09	IL8, Human (72 a.a.)	1110-08A
		IL8, Human (77 a.a.)	1110-08B
		IL8, Porcine	1810-08
		IL8, Rhesus macaque	1210-08
Interleukins		IL9, Human	1110-09
D17Wsu104e (SF20), Murine	1310-25	IL9, Rat	1510-09
IL1A (IL-1 alpha), Human	1110-01A	IL10, Human	1110-10
IL1A (IL-1 alpha), Murine	1310-01A	IL10, Murine	1310-10
IL1A (IL-1 alpha), Rat	1510-01A	IL11, Human	1110-11
IL1A (IL-1 alpha), Rhesus macaque	1210-01A	IL11, Murine	1310-11
IL1B (IL-1 beta), Equine	1010-01B	IL13, Human	1110-13
IL1B (IL-1 beta), Human	1110-01B	IL13, Human (Variant)	1110-13V
IL1B (IL-1 beta), Murine	1310-01B	IL13, Murine	1310-13
IL1B (IL-1 beta), Porcine	1810-01B	IL13, Rat	1510-13
IL1B (IL-1 beta), Rat	1510-01B	IL13, Rat (113 a.a.)	1510-13B
IL1B (IL-1 beta), Rhesus macaque	1210-01B	IL13, Rhesus macaque	1210-13
IL1RN (IL-1RA), Equine	1010-01C	IL15, Human	1110-15
IL1RN (IL-1RA), Human	1110-01C	IL16, Human (121 a.a.)	1110-16
IL1RN (IL-1RA), Murine	1310-01C	IL16, Human (130 a.a.)	1110-16B
IL1RN (IL-1RA), Rat	1510-01C	IL16, Murine (121 a.a.)	1310-16
IL1RN (IL1-RA), Porcine	1810-01C	IL16, Rhesus macaque	1210-16
IL2 (Cys141Ser), Equine	1010-02A	IL17A, Human	1110-17
IL2, Human	1110-02	IL17A, Rat	1510-17
IL2, Murine	1310-02	IL17B, Human	1110-17B
IL2, Porcine	1810-02	IL17F, Human	1110-17F
IL2, Rat	1510-02	IL19, Human	1110-19
IL3 B, Rat	1510-03B	IL20, Human	1110-20
IL3, Canine	1410-03	IL21, Human	1110-21
IL3, Human	1110-03	IL21, Murine	1310-21
IL3, Murine	1310-03	IL21, Rat	1510-21
IL3, Rhesus macaque	1210-03		
IL4, Human	1110-04		

Growth Factor	Cat#	Growth Factor	Cat#
IL22, Human	1110-22	NRG1-beta1 (177-241 aa), Human	1170-10B
IL22, Murine	1310-22	NRG1-beta2, Human	1170-10
IL22, Rat	1510-22	NRN1, Human	1170-22
IL31, Human	1110-31	NTF4, Human	1170-04
IL33, Human	1110-33	PSPN, Human	1170-23
IL33, Murine	1310-33	PSPN, Murine	1370-23
IL33, Rat	1510-33	PTN, Human	1170-21
IL36A (IL-36 alpha), Human (153 a.a.)	1110-36B	PDGF & VEGF	
IL36A (IL-36 alpha), Human (158 a.a.)	1110-36A	PDGFAA (dimer), Rat	1550-14
IL36A (IL-36 alpha), Murine (153 a.a.)	1310-36B	PDGFBB (dimer), Human	1150-10
IL36A (IL-36 alpha), Murine (160 a.a.)	1310-36A	VEGF120, Murine	1350-06
IL36B (IL-36 beta), Human (153 a.a.)	1110-36D	VEGF164, Rat	1550-07
IL36B (IL-36 beta), Human (157 a.a.)	1110-36C	VEGF165, Human	1150-05
IL36B (IL-36 beta), Murine (153 a.a.)	1310-36D	VEGF165, Murine	1350-07
IL36B (IL-36 beta), Murine (183 a.a.)	1310-36C	Peptide Hormones	
IL36G (IL-36 gamma), Human (152 a.a.)	1110-36F	CYR61, Human	1150-18
IL36G (IL-36 gamma), Human (169 a.a.)	1110-36E	GH1, Human	3110-01
IL36RN (IL-36RA), Human	1110-36G	IGF1 DES, Human	1150-01B
IL36RN (IL-36RA), Murine	1310-36G	IGF1, 15N, Human	1150-01N
Lymphoid/Lymphocyte		IGF1, Human	1150-01
FLT3LG, Human	1130-05	IGF1, LR3, Human (Media Grade)	1150-03
LIF, Human	1130-07	IGF1, LR3, Human (Receptor Grade)	1150-03U
LIF, Murine	1330-07	IGF1, Murine	1350-01
TNF- α , (His), Human	1130-01H	IGF1, Rat	1550-01
TNF- α , (Variant), Human	1130-012	IGFBP3, Human	1150-01B3
TNF- α , Human	1130-01	IGFBP7, Human	1150-01B7
TNF- α , Murine	1330-01	Leptin, Human	3110-06
Neurotrophic Factors		NOV, Human	1150-01B9
CDNF, Murine	1370-16	NOV, Murine	1350-01B9
CDNF, Rat	1570-16	PRL, Murine	3310-10
CNTF, Human	1170-08	PRL, Rat	3510-10
CNTF, Murine	1370-08	PTH (1-34), Human	3110-03
CNTF, Rat	1570-08	PTH (1-84), Human	3110-05
FAM19A2, Human	2150-01	PTH (7-34), Human	3110-04
GDNF, Human	1170-14	PTH (7-84), 15N, Human	3110-12N
GDNF, Rat	1570-14	PTH (7-84), Human	3110-12
GMFB, Human	1170-07	PTH 1-84 (15N), Human	3110-05N
GMFB, Murine	1370-07	PTH LH, 15N, Human	3110-07N
GMFB, Rat	1570-07	PTH LH, Human	3110-07
MANF, Human	1170-15	SHH	
MDK, Human	1170-18	SHH, Human	6110-19
MDK, Murine	1370-18	SHH, Murine	6310-19
MDK, Rat	1570-18		
NPPB, Human	1170-09		
NRG1-alpha, Human	1170-20		