Recombinant Human CXCL12 Protein

Cat. No. CXCL12-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CXCL12 Protein was expressed in E. coli.
Species	Human
Source	E.coli
Description	CXCL12 is a ligand for the G protein coupled receptor CXCR4 and induces chemotactic migration in a wide range of CXCR4-expressing cells. CXCL12 protein is expressed in E. coli, refolded and cleaved to yield the native, secreted form of the mature chemokine.
Form	Lyophilized
Molecular Mass	7.9594 kDa
AA Sequence	KPVSLSYRCP CRFFESHVAR ANVKHLKILN TPNCALQIVA RLKNNNRQVC IDPKLKWIQE YLEKALNK
Endotoxin	Endotoxin-free <0.01 EU/ug
Purity	Purity assessed by HPLC, Mass Spectrometry, and NMR*
Storage	Store at -20 to -80 centigrade for 12 months; Store at 4 centigrade for 6 months; Store at RT for 1 month.

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tmpcolum67	C-X-C motif chemokine ligand 12

GENE INFORMATION

Gene Name	CXCL12 C-X-C motif chemokine ligand 12 [Homo sapiens (human)]
Official Symbol	CXCL12
Synonyms	IRH; PBSF; SDF1; TLSF; TPAR1; SCYB12
Gene ID	6387
mRNA Refseq	NM_000609
Protein Refseq	NP_000600
MIM	600835
UniProt ID	P48061
Protein Purity	Reverse Phase HPLC Trace
Protein Purity	1D 1H NMR Spectrum
Protein Purity	Mass Spectrometry

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Protein Purity	Functional assay

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