

## Recombinant Human CXCL12 Protein

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CXCL12 Protein was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	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.
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	7.9594 kDa
<b>AA Sequence</b>	KPVLSYRCP CRFFESHVAR ANVKHLKILN TPNCALQIVA RLKNNNRQVC IDPKLKWIQE YLEKALNK
<b>Endotoxin</b>	Endotoxin-free <0.01 EU/ug
<b>Purity</b>	Purity assessed by HPLC, Mass Spectrometry, and NMR*
<b>Storage</b>	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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