

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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tmpcolumn67 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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