

Recombinant Human CXCL12 Protein, His-tagged

Cat. No. CXCL12-0675H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CXCL12 Protein(P48061-2) (Lys 22-Lys 89) was expressed in E.coli, with a polyhistidine tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	22-89 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant human CXCL12 consists of 84 amino acids and predicted molecular mass of 10KDa.It migrates as an approximately 12KDa band in SDS-PAGE under reducing conditions.
Purity	> 90 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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Gene Name	CXCL12 chemokine (C-X-C motif) ligand 12 [Homo sapiens]
Official Symbol	CXCL12
Synonyms	CXCL12; chemokine (C-X-C motif) ligand 12; SDF1, SDF1A, SDF1B, stromal cell derived factor 1; stromal cell-derived factor 1; PBSF; SCYB12; SDF 1a; SDF 1b; TLSF a; TLSF b; TPAR1; intercrine reduced in hepatomas; pre-B cell growth-stimulating factor; IRH; SDF1; TLSF; SDF1A; SDF1B;
Gene ID	6387
mRNA Refseq	NM_000609
Protein Refseq	NP_000600
MIM	600835
UniProt ID	P48061
SDS-PAGE	