

Recombinant Human CXCL12 protein, His-tagged

Cat. No. CXCL12-2190H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CXCL12 protein(Lys 22 - Lys 89), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Lys 22 - Lys 89
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4, 10% trehalose.
Molecular Mass	This protein carries a polyhistidine tag at the N-terminus.The protein has a calculated MW of 10.0 kDa. The protein migrates as 13 kDa under reducing (R) condition (SDS-PAGE).
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	For long term, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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

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