Active Recombinant Human CXCL12, Fc tagged

Cat. No. CXCL12-20H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CXCL12(NP_000600.1) (Lys 22-Met 93) was expressed in Human Cells with the fused Fc region of human IgG1 at the N-terminus.
Species	Human
Source	Human Cells
ProteinLength	22-93 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its ability to bind biotinylated recombinant human DPPIV in a functional ELISA.
Molecular Mass	The recombinant human SDF1/Fc is a disulfide-linked homodimeric protein. The reduced monomer consists of 309 amino acids and predicts a molecular mass of 35.2 kDa. As a result of glycosylation, rhSDF1/Fc monomer is approximately 43 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 95 % 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-

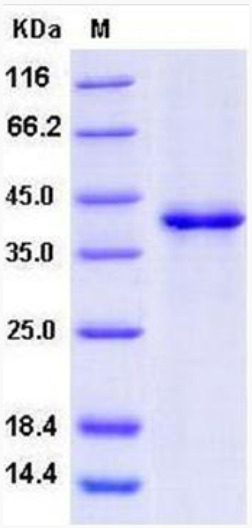
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	thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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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SDS-PAGE	

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