

Recombinant Mouse Cxcl12 Protein, His tagged

Cat. No. Cxcl12-32M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cxcl12 Protein, Sourced from E.coli, Lys22-Met93 with N-terminal His Tag.
Species	Mouse
Source	E.coli
ProteinLength	22-93 aa
Description	Stromal cell-derived factor 1 (SDF-1) beta is a member of the CXC chemokine family and a ligand for the chemokine receptor CXCR4. SDF-1 β is critical in the development of the central nervous system as well as the development of the heart. SDF-1 β is also involved in HIV infection and chronic inflammatory disorders.
Form	Lyophilized from 1 $\times$ PBS with Trehalose
Molecular Mass	10.8 kDa
Purity	>99% by SDS-PAGE
Applications	ELISA and Western Blot Analysis
Storage	2 years at -20 to -80 centigrade as supplied. Upon reconstitution: 2 years at -80 centigrade; 2 years at -20 centigrade For long-term storage, store for up to 2 years at -20 & -80 centigrade after reconstitution. Expiration is 2 years from date of receipt.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

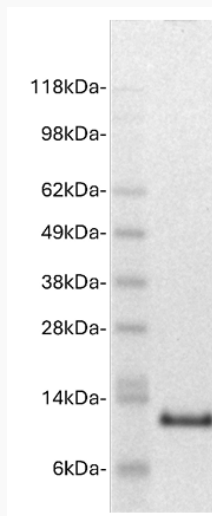
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Shipping	Ambient
Reconstitution	Reconstitute at 10 µg/mL in sterile PBS containing at least 0.1% protein.
GENE INFORMATION	
Gene Name	Cxcl12 C-X-C motif chemokine ligand 12 [Mus musculus (house mouse)]
Official Symbol	Cxcl12
Synonyms	CXCL12; chemokine (C-X-C motif) ligand 12; stromal cell-derived factor 1; C-X-C motif chemokine 12; pre-B cell growth-stimulating factor; pre-B-cell growth-stimulating factor; thymic lymphoma cell-stimulating factor; 12-O-tetradecanoylphorbol 13-acetate repressed protein 1; Pbsf; Sdf1; Tlsf; Sdf1a; Sdf1b; Tlsfa; Tlsfb; Tpar1; Scyb12; AI174028;
Gene ID	20315
mRNA Refseq	NM_001012477
Protein Refseq	NP_001012495
UniProt ID	P40224

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SDS-PAGE

Mouse SDF-1 β (2 μ g) on a Coomassie stained 4-12% SDS-PAGE gel, reducing conditions.

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