

Recombinant Mouse Cxcl12 protein, His-tagged

Cat. No. Cxcl12-2510M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cxcl12 protein(1-89 aa), fused to His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	1-89 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	VVAVLALVLAALCISDGKPVLSLSYRCPCRFFESHIANVKHLKILNTPNCALQIVARL KNNNRQVCIDPKLKWIQEYLEKALNK
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term

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storage.

GENE INFORMATION

Gene Name [Cxcl12 chemokine \(C-X-C motif\) ligand 12 \[Mus musculus \]](#)

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](#)

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