

Recombinant mouse Cxcl12, GST-tagged

Cat. No. Cxcl12-11719M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cxcl12 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Mouse
Source	E.coli
ProteinLength	1-89a.a.
Description	The protein encoded by this gene is a member of the intercrine-macrophage inflammatory protein superfamily. It is a secreted protein thought to be involved in the generation and proliferation of early B-cell progenitors. Three transcript variants encoding three different isoforms have been found for this gene.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

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

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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
Pathway	Axon guidance, organism-specific biosystem; Axon guidance, conserved biosystem; Chemokine receptors bind chemokines, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem;
Function	CXCR chemokine receptor binding; chemokine activity; cytokine activity; growth factor activity;