

Recombinant Mouse Xcl1 protein, His/S-tagged

Cat. No. Xcl1-234M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Xcl1 fused with His/S tag was expressed in E. coli.
Species	Mouse
Source	E.coli
Description	Lymphotactin is the only known member of the C-chemokine family and signals through the receptor XCR1, formally known as GPR5. The spleen shows the highest level of lymphotactin compared to peripheral leukocytes, lung, colon and small intestine. Lymphotactin is chemotactic towards lymphocytes but not towards monocytes or neutrophils.
Form	Lyophilized from sterile PBS, pH 7.4
Purity	> 95 % as determined by SDS-PAGE
Storage	Store at -70 centigrade. Avoid repeated freeze/thaw cycles.

GENE INFORMATION

Gene Name	Xcl1 chemokine (C motif) ligand 1 [Mus musculus]
Official Symbol	Xcl1
Synonyms	XCL1; chemokine (C motif) ligand 1; lymphotactin; lymphotaxin; cytokine SCM-1; c

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	motif chemokine 1; small-inducible cytokine C1; small inducible cytokine subfamily C, member 1 (lymphotactin); LTN; ATAC; Lptn; SCM-1; Scyc1; SCM-1a; AI661682;
Gene ID	16963
mRNA Refseq	NM_008510
Protein Refseq	NP_032536
UniProt ID	P47993
Chromosome Location	1 H2.2; 1 72.26 cM
Pathway	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; Cytokine-cytokine receptor interaction, conserved biosystem; G alpha (q) signalling events, organism-specific biosystem;
Function	chemokine activity; chemokine activity; chemokine receptor binding; chemokine receptor binding; chemokine receptor binding; cytokine activity; protein homodimerization activity;