

## Recombinant Mouse Xcl1 protein, His/S-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Xcl1 fused with His/S tag was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>Description</b>	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.
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Store at -70 centigrade. Avoid repeated freeze/thaw cycles.

### GENE INFORMATION

<b>Gene Name</b>	Xcl1 chemokine (C motif) ligand 1 [ Mus musculus ]
<b>Official Symbol</b>	Xcl1
<b>Synonyms</b>	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;
<b>Gene ID</b>	16963
<b>mRNA Refseq</b>	NM_008510
<b>Protein Refseq</b>	NP_032536
<b>UniProt ID</b>	P47993
<b>Chromosome Location</b>	1 H2.2; 1 72.26 cM
<b>Pathway</b>	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;
<b>Function</b>	chemokine activity; chemokine activity; chemokine receptor binding; chemokine receptor binding; chemokine receptor binding; cytokine activity; protein homodimerization activity;

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