

## Active Recombinant Mouse Cxcl13 Protein

**Cat. No.** Cxcl13-149M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of Mouse chemokine (C-X-C motif) ligand 13 (Cxcl13) without tag was expressed in E.coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>Description</b>	Strongly chemotactic for B-lymphocytes, weakly for spleen monocytes and macrophages but no chemotactic activity for granulocytes. Binds to BLR1/CXCR5. May play a role in directing the migration of B-lymphocytes to follicles in secondary lymphoid organs.
<b>Bio-activity</b>	Determined by its ability to chemoattract murine B cells using a concentration of 10.0-100.0 ng/ml.
<b>Molecular Mass</b>	9.8 kDa
<b>AA Sequence</b>	ILEAHYTNLKCRCSGVISTVVGLNIIDRIQVTPPGNGCPKTEVVIWTKMKKVICVNPRAKWLQRLLRHVQSKLSSTPQAPVSKRRAA
<b>Endotoxin</b>	Endotoxin level is < 0.1 ng/g of protein (< 1 EU/g)
<b>Purity</b>	>95%, as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for at least 6 months from date of receipt under proper storage and handling

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conditions.

**Storage** Store at -80 centigrade.

**Storage Buffer** Lyophilized from a 0.2 M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2

**Reconstitution** Resuspend the protein in the desired concentration in proper buffer.

## GENE INFORMATION

**Gene Name** [Cxcl13 chemokine \(C-X-C motif\) ligand 13 \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol** [Cxcl13](#)

**Synonyms** Cxcl13; chemokine (C-X-C motif) ligand 13; BLC; Angie; BCA-1; BLR1L; ANGIE2; Scyb13; 4631412M08Rik; C-X-C motif chemokine 13; B lymphocyte chemoattractant; CXC chemokine BLC; small inducible cytokine subfamily B (Cys-X-Cys), member 13; small-inducible cytokine B13

**Gene ID** [55985](#)

**mRNA Refseq** [NM\\_018866](#)

**Protein Refseq** [NP\\_061354](#)

**UniProt ID** [O55038](#)

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