

Active Recombinant Mouse Cxcl13 Protein

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

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse chemokine (C-X-C motif) ligand 13 (Cxcl13) without tag was expressed in E.coli.
Species	Mouse
Source	E.coli
Description	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.
Bio-activity	Determined by its ability to chemoattract murine B cells using a concentration of 10.0-100.0 ng/ml.
Molecular Mass	9.8 kDa
AA Sequence	ILEAHYTNLKCRCSGVISTVVGLNIIDRIQVTPPGNGCPKTEVVIWTKMKKVICVNPRA KWLQRLLRHVQSKSLSTPQAPVSKRRAA
Endotoxin	Endotoxin level is < 0.1 ng/g of protein (< 1 EU/g)
Purity	>95%, as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for at least 6 months from date of receipt under proper storage and handling

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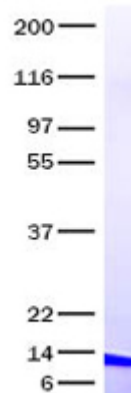
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	conditions.
Storage	Store at -80 centigrade.
Storage Buffer	Lyophilized from a 0.2 M filtered solution of 20mM phosphate buffer,100mM NaCl, pH 7.2
Reconstitution	Resuspend the protein in the desired concentration in proper buffer.
GENE INFORMATION	
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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