

## Active Recombinant Mouse Cxcl5 Protein

**Cat. No.** Cxcl5-2398M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of Mouse chemokine (C-X-C motif) ligand 5 (Cxcl5 / Lix) without tag was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Val45-Ala118
<b>Description</b>	This gene encodes a protein that is a member of the CXC subfamily of chemokines. Chemokines, which recruit and activate leukocytes, are classified by function (inflammatory or homeostatic) or by structure. This protein is proposed to bind the G-protein coupled receptor chemokine (C-X-C motif) receptor 2 to recruit neutrophils and to have homeostatic and inflammatory functions. In mouse, deficiency of this gene is associated with increased lung inflammation that is neutrophil-dependent.
<b>Bio-activity</b>	Bioactivity was measured by its property to chemoattract human neutrophils in a dose dependent manner.
<b>Molecular Mass</b>	8.0 kDa
<b>Endotoxin</b>	Less than 0.01 ng/μg protein as determined by the LAL method
<b>Purity</b>	> 98%, as determined by Coomassie stained SDS-PAGE.

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<b>Stability</b>	Unopened vial can be stored between 2 and 8 centigrade for up to 2 weeks, at -20 centigrade for up to 6 months, or at -70 centigrade or below until the expiration date. Aliquots can be stored between 2 and 8 centigrade for up to one week and stored at -20 centigrade or colder for up to 3 months. Avoid repeated freeze/thaw cycles.
<b>Storage</b>	Store at -80 centigrade.
<b>Concentration</b>	Protein formulated and viald at >50 µg/mL in specified buffer
<b>Storage Buffer</b>	1 x PBS
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	Cxcl5 chemokine (C-X-C motif) ligand 5 [ <i>Mus musculus</i> (house mouse) ]
<b>Official Symbol</b>	Cxcl5
<b>Synonyms</b>	CXCL5; chemokine (C-X-C motif) ligand 5; C-X-C motif chemokine 5; cytokine LIX; small-inducible cytokine B5; granulocyte chemotactic protein-2; small inducible cytokine B subfamily, member 5; small inducible cytokine subfamily B, member 15; LIX; GCP-2; Scyb5; Scyb6; ENA-78; AMCF-II
<b>Gene ID</b>	20311
<b>mRNA Refseq</b>	NM_009141
<b>Protein Refseq</b>	NP_033167
<b>UniProt ID</b>	P50228

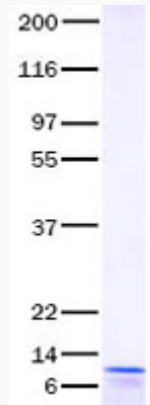
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**SDS-PAGE**



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