

## Active Recombinant Mouse Cxcl2 Protein

**Cat. No.** Cxcl2-2396M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of Mouse chemokine (C-X-C motif) ligand 2 (Cxcl2 / MIP-2) without tag was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ala28-Asn100
<b>Description</b>	Chemotactic for human polymorphonuclear leukocytes but does not induce chemokinesis or an oxidative burst.
<b>Bio-activity</b>	Bioactivity was measured by its property to chemoattract human neutrophils in a dose dependent manner.
<b>Molecular Mass</b>	7.8 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.
<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.

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<b>Storage</b>	Store at -80 centigrade.
<b>Concentration</b>	Protein formulated and vialled at >50 µg/mL in specified buffer
<b>Storage Buffer</b>	1 x PBS
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	Cxcl2 chemokine (C-X-C motif) ligand 2 [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Cxcl2
<b>Synonyms</b>	CXCL2; chemokine (C-X-C motif) ligand 2; C-X-C motif chemokine 2; macrophage inflammatory protein 2; small inducible cytokine subfamily, member 2; GROb; Gro2; Mip2; Scyb; MIP-2; Scyb2; MIP-2a; Mgsa-b; CINC-2a
<b>Gene ID</b>	20310
<b>mRNA Refseq</b>	NM_009140
<b>Protein Refseq</b>	NP_033166
<b>UniProt ID</b>	P10889

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