

## Active Recombinant Mouse Cxcl2

Cat. No. Cxcl2-13M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Mouse recombinant MIP-2 is produced in genetically engineered yeast, and purified by sequential chromatography.
<b>Species</b>	Mouse
<b>Source</b>	yeast
<b>Form</b>	0.05 M Ammonium Acetate. Concentration: 1.0 mg protein/ml.
<b>Bio-activity</b>	The biological activity of recombinant murine MIP-2 is determined by a localized inflammatory response when injected into the footpads of mice (Wolpe, S.D. et al, Exp. Med. 167, 570 (1987)).
<b>Molecular Mass</b>	7.8KDa
<b>Purity</b>	Over 95% pure by SDS gel electrophoresis, with low level of endotoxin.
<b>Stability</b>	Several months at -80°C.
<b>Storage</b>	Store at -80°C.

### GENE INFORMATION

<b>Gene Name</b>	Cxcl2 chemokine (C-X-C motif) ligand 2 [ <i>Mus musculus</i> (house mouse) ]
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 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Official Symbol</b>	Cxcl2
<b>Synonyms</b>	Cxcl2; chemokine (C-X-C motif) ligand 2; GROb; Gro2; Mip2; Scyb; MIP-2; Scyb2; MIP-2a; Mgsa-b; CINC-2a; C-X-C motif chemokine 2; macrophage inflammatory protein 2; small inducible cytokine subfamily, member 2
<b>Gene ID</b>	<a href="#">20310</a>
<b>mRNA Refseq</b>	<a href="#">NM_009140</a>
<b>Protein Refseq</b>	<a href="#">NP_033166</a>
<b>UniProt ID</b>	<a href="#">P10889</a>
<b>Chromosome Location</b>	5 E1; 5 44.78 cM
<b>Pathway</b>	Chemokine receptors bind chemokines; Chemokine signaling pathway; G alpha (i) signalling events
<b>Function</b>	CXCR chemokine receptor binding; chemokine activity; cytokine activity

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