

Recombinant Mouse CXCL2 Protein

Cat. No. CXCL2-65M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse CXCL2 Protein without tag was expressed in E. coli.
Species	Mouse
Source	E.coli
Description	Macrophage Inflammatory Protein 2 (MIP-2), also known as CXCL2, is a small cytokine that is secreted by monocytes and neutrophils at sites of inflammation. MIP-2 functions through the chemokine receptor CXCR2 to act as a chemotactic agent for leukocytes and hematopoietic cells.
Bio-activity	No biological activity data is available at this time.
Molecular Mass	Monomer, 7.9 kDa (73 aa)
AA Sequence	AVVASELRCQCLKTLPRVDFKNIQSLSVTPPGPHCAQTEVIATLKGGQKVCLDPEAP LVQKIIQKILNKGKAN
Endotoxin	≤1 EUs/μg, Kinetic LAL
Purity	≥95%, Reducing and Non-Reducing SDS PAGE
Stability	12 months from date of receipt when stored at -20 to -80 centigrade as supplied. 1 month when stored at 4 centigrade after reconstituting as directed. 3 months when stored at -20 to -80 centigrade after reconstituting as directed.

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Storage	Storage Prior to Reconstitution: -20 centigrade
Storage Buffer	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 10 mM sodium phosphate, pH 7.5
Reconstitution	Sterile water at 0.1 mg/mL
Shipping	Room temperature
Instructions	Centrifuge vial before opening. Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80 centigrade and avoid repeat freeze thaws.

GENE INFORMATION

Gene Name	Cxcl2 chemokine (C-X-C motif) ligand 2 [<i>Mus musculus</i> (house mouse)]
Official Symbol	CXCL2
Synonyms	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;
Gene ID	20310
mRNA Refseq	NM_009140
Protein Refseq	NP_033166
UniProt ID	P10889

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