Active Recombinant Mouse Cxcl2 Protein

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

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse chemokine (C-X-C motif) ligand 2 (Cxcl2 / MIP-2) without tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Ala28-Asn100
Description	Chemotactic for human polymorphonuclear leukocytes but does not induce chemokinesis or an oxidative burst.
Bio-activity	Bioactivity was measured by its property to chemoattract human neutrophils in a dose dependent manner.
Molecular Mass	7.8 kDa
Endotoxin	Less than 0.01 ng/μg protein as determined by the LAL method
Purity	> 98%, as determined by Coomassie stained SDS-PAGE.
Stability	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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Storage	Store at -80 centigrade.
Concentration	Protein formulated and vialed at >50 μg/mL in specified buffer
Storage Buffer	1 x PBS

GENE INFORMATION

Gene Name	Cxcl2 chemokine (C-X-C motif) ligand 2 [Mus musculus (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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