Active Recombinant Mouse Cxcl2 Protein

Cat. No. Cxcl2-2395M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse chemokine (C-X-C motif) ligand 2 (Cxcl2) without tag was expressed in E. coli.
Species	Mouse
Source	E.coli
Description	Chemotactic for human polymorphonuclear leukocytes but does not induce chemokinesis or an oxidative burst.
Bio-activity	Determined by its ability to chemoattract total human neutrophils using a concentration range of 1.0-10.0 ng/mL.
Molecular Mass	7.8 kDa
AA Sequence	AVVASELRCQCLKTLPRVDFKNIQSLSVTPPGPHCAQTEVIATLKGGQKVCLDPEAP LVQKIIQKILNKGKAN
Endotoxin	< 0.1 ng/μg of protein (< 1 EU/μg)
Purity	> 95% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for at least 6 months from date of receipt under proper storage and handling conditions.

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Storage	Store at -80 centigrade.
Storage Buffer	LyopH ilized from a 0.2 μM filtered solution of 20 mM pH ospH ate buffer, 100 mM NaCl, pH 7.2

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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SDS-PAGE	

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