

Recombinant Mouse Chemokine (C-X-C motif) Ligand 3, His-tagged

Cat. No. Cxcl3-624M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Cxcl3 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.
Species	Mouse
Source	E.coli
ProteinLength	28-100aa
Description	Cxcl3 is a small cytokine belonging to the CXC chemokine family. Cxcl3 controls migration and adhesion of monocytes and mediates its effects on its target cell by interacting with a cell surface chemokine receptor called CXCR2.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 50% glycerol 0.15M NaCl, 5mM DTT.
Molecular Mass	10.6 kDa (98aa), confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMAVVAS ELRCQCLNTL PRVDFETIQS LVTTPPGPHC TQTEVIATLK DGQEVCLNPQ GPRLQIIKK ILKSGKSS
Purity	>90% by SDS - PAGE
Applications	SDS-PAGE

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Storage	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	Cxcl3 chemokine (C-X-C motif) ligand 3 [<i>Mus musculus</i>]
Official Symbol	Cxcl3
Synonyms	CXCL3; chemokine (C-X-C motif) ligand 3; C-X-C motif chemokine 3; dendritic cell inflammatory protein 1; Dcip1; Gm1960;
Gene ID	330122
mRNA Refseq	NM_203320
Protein Refseq	NP_976065
Pathway	Chemokine receptors bind chemokines, organism-specific biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Cytokines and Inflammatory Response (BioCarta), organism-specific biosystem; G alpha (i) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; Peptide ligand-binding receptors, organism-specific biosystem;
Function	chemokine activity; chemokine activity; cytokine activity; protein binding;