

Active Recombinant Mouse Cxcl3 Protein (Ala28-Gln87), N-His tagged, Animal-free, Carrier-free

Cat. No. Cxcl3-151M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cxcl3 Protein (Ala28-Gln87) with N-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
Species	Mouse
Source	E.coli
ProteinLength	Ala28-Gln87
Description	C-X-C motif chemokine 3 (CXCL3) also named Growth-regulated oncogene gamma (GROγ), which is a chemokine of the intercrine alpha family. CXCL3 is a 8 kDa protein containing 73 amino acid residues. During inflammation, CXCL3 is activated by the TNF and IL-1 which mediates the monocytes migration and adhesion by targeting the CXCR2. CXCL3 activates the JNK activity which induce the cell differentiation.
Form	Lyophilized
Bio-activity	Measure by its ability to chemoattract BaF3 cells transfected with human CXCR2. The ED50 for this effect is < 80 ng/mL.
Molecular Mass	The protein has a calculated MW of 8.72 kDa. The protein migrates below 11 kDa under reducing condition (SDS-PAGE analysis).

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Endotoxin	< 0.1 EU/μg of the protein by the LAL method.
Purity	>98% as determined by SDS-PAGE analysis.
Storage	This product is stable after storage at: -20 centigrade for 12 months in lyophilized state from date of receipt. -20 or -80 centigrade for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.
Storage Buffer	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 200 μg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.

GENE INFORMATION

Gene Name	Cxcl3 chemokine (C-X-C motif) ligand 3 [Mus musculus (house mouse)]
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

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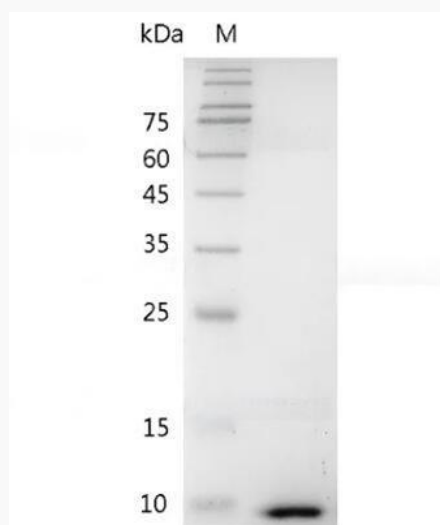
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Protein Refseq NP_976065

UniProt ID Q6W5C0

SDS-PAGE analysis
of recombinant
mouse CXCL3.



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