

Active Recombinant Mouse Ccl3 Protein

Cat. No. Ccl3-132M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse chemokine (C-C motif) ligand 3 (Ccl3) without tag was expressed in E.coli.
Species	Mouse
Source	E.coli
Description	Monokine with inflammatory, pyrogenic and chemokinetic properties. Has a potent chemotactic activity for eosinophils. Binding to a high-affinity receptor activates calcium release in neutrophils.
Bio-activity	Determined by its ability to chemoattract murine balb/c splenocytes using a concentration range of 10.0-100.0 ng/ml.
Molecular Mass	7.8 kDa
AA Sequence	APYGADTPTACCFSYSRKIPRQFIVDYFETSSLCSQPGVIFLTNRNRQICADSKETWV QEYITDLELNA
Endotoxin	Endotoxin level is < 0.1 ng/g of protein (< 1 EU/g)
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	Lyophilized from a 0.2 M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Reconstitution	Resuspend the protein in the desired concentration in proper buffer.

GENE INFORMATION

Gene Name	Ccl3 chemokine (C-C motif) ligand 3 [Mus musculus (house mouse)]
Official Symbol	Ccl3
Synonyms	Ccl3; chemokine (C-C motif) ligand 3; Mip1a; Scya3; G0S19-1; AI323804; MIP1-(a); LD78alpha; MIP-1alpha; MIP1-alpha; C-C motif chemokine 3; L2G25B; MIP-1-alpha; MIP1 (a); SIS-alpha; TY-5; heparin-binding chemotaxis protein; macrophage inflammatory protein 1-alpha; macrophage inflammatory protein-1alpha; small-inducible cytokine A3
Gene ID	20302
mRNA Refseq	NM_011337
Protein Refseq	NP_035467
UniProt ID	P10855

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