

## Active Recombinant Mouse Ccl3 Protein

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

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of Mouse chemokine (C-C motif) ligand 3 (Ccl3) without tag was expressed in E.coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>Description</b>	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.
<b>Bio-activity</b>	Determined by its ability to chemoattract murine balb/c splenocytes using a concentration range of 10.0-100.0 ng/ml.
<b>Molecular Mass</b>	7.8 kDa
<b>AA Sequence</b>	APYGADTPTACCFSSYSRKIPRQFIVDYFETSSSLCSQPGVIFLTKRNRQICADSKETWV QEYITDLELNA
<b>Endotoxin</b>	Endotoxin level is < 0.1 ng/g of protein (< 1 EU/g)
<b>Purity</b>	>95%, as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for at least 6 months from date of receipt under proper storage and handling conditions.

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<b>Storage</b>	Store at -80 centigrade.
<b>Storage Buffer</b>	Lyophilized from a 0.2 M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
<b>Reconstitution</b>	Resuspend the protein in the desired concentration in proper buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	Ccl3 chemokine (C-C motif) ligand 3 [ <i>Mus musculus</i> (house mouse) ]
<b>Official Symbol</b>	Ccl3
<b>Synonyms</b>	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
<b>Gene ID</b>	20302
<b>mRNA Refseq</b>	NM_011337
<b>Protein Refseq</b>	NP_035467
<b>UniProt ID</b>	P10855

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