

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

**Cat. No.** Ccl3-7197M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant mouse CCL3 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques. MW: 10.4 kDa.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	24-92aa
<b>Description</b>	C-C motif chemokine 3, also known as CCL3, belongs to the intercrine beta (chemokine CC) family. CCL3 has a potent chemotactic activity for eosinophils. This protein is binding to a high-affinity receptor activates calcium release in neutrophils.
<b>Form</b>	Liquid. In 20mM Sodium citrate buffer (pH 3.5) containing 10% glycerol.
<b>Molecular Mass</b>	10.4 kDa (93aa) confirmed by MALDI-TOF
<b>AA Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSMAPYGAD TPTACCFSYS RKIPRQFIVD YFETSSLCSQ PGIIFLTKRN RQICADSKET WVQEYITDLE LNA
<b>Purity</b>	>90% by SDS - PAGE
<b>Applications</b>	SDS-PAGE

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<b>Storage</b>	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.
<b>Concentration</b>	0.5 mg/ml (determined by Bradford assay)
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	<a href="#">Ccl3 chemokine (C-C motif) ligand 3 [ Mus musculus ]</a>
<b>Official Symbol</b>	Ccl3
<b>Synonyms</b>	CCL3; chemokine (C-C motif) ligand 3; C-C motif chemokine 3; TY-5; L2G25B; MIP1 (a); SIS-alpha; MIP-1 alpha; MIP-1-alpha; small inducible cytokine A3; small-inducible cytokine A3; heparin-binding chemotaxis protein; macrophage inflammatory protein-1alpha; macrophage inflammatory protein 1-alpha; Mip1a; Scya3; GOS19-1; AI323804; MIP1-(a); LD78alpha; MIP-1alpha; MIP1-alpha;
<b>Gene ID</b>	<a href="#">20302</a>
<b>mRNA Refseq</b>	<a href="#">NM_011337</a>
<b>Protein Refseq</b>	<a href="#">NP_035467</a>
<b>Pathway</b>	Chagas disease (American trypanosomiasis), organism-specific biosystem; Chagas disease (American trypanosomiasis), conserved biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Rheumatoid arthritis, organism-specific biosystem;
<b>Function</b>	CCR1 chemokine receptor binding; CCR5 chemokine receptor binding; calcium-

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dependent protein kinase C activity; chemoattractant activity; chemokine activity;  
chemokine activity; cytokine activity; kinase activity; phospholipase activator activity;  
protein binding; protein kinase activity;

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