

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

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

SPECIFICATION

Product Overview	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.
Species	Mouse
Source	E.coli
ProteinLength	24-92aa
Description	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.
Form	Liquid. In 20mM Sodium citrate buffer (pH 3.5) containing 10% glycerol.
Molecular Mass	10.4 kDa (93aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMAPYGAD TPTACCFSYS RKIPRQFIVD YFETSSLCSQ PGVIFLTRN RQICADSKET WVQEYITDLE LNA
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	0.5 mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	Ccl3 chemokine (C-C motif) ligand 3 [Mus musculus]
Official Symbol	Ccl3
Synonyms	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; G0S19-1; AI323804; MIP1-(a); LD78alpha; MIP-1alpha; MIP1-alpha;
Gene ID	20302
mRNA Refseq	NM_011337
Protein Refseq	NP_035467
Pathway	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;
Function	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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