

Active GMP Recombinant Mouse Ccl3 Protein, His-Tagged

Cat. No. Ccl3-01M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Mouse Ccl3 Protein, His-Tagged was expressed in Escherichia coli cell-derived in an animal component free process under cGMP guidelines.
Species	Mouse
Source	E.coli
Description	Enables chemokine activity. Involved in several processes, including astrocyte cell migration; macrophage chemotaxis; and positive regulation of macromolecule metabolic process. Located in extracellular space. Is expressed in articular cartilage; cartilage; knee joint; lung; and radius. Human ortholog(s) of this gene implicated in human immunodeficiency virus infectious disease. Orthologous to several human genes including CCL3 (C-C motif chemokine ligand 3).
Form	Lyophilized
Bio-activity	Measure by its ability to chemoattract BaF3 cells transfected with human CCR5. The ED50 for this effect is <1.8 ng/mL.
AA Sequence	APYGADTPTACCFSSYSRKIPRQFIVDYFETSSLCSQPGVIFLTNRNRQICADSKETWV QEYITDLELNA with polyhistidine tag at the N-terminus
Endotoxin	<0.1 EU per 1 µg of the protein by the LAL method.
Purity	>98% as determined by SDS-PAGE. Ni-NTA chromatography

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Notes	Please use within one month after protein reconstitution.
Storage	Lyophilized protein should be stored at -20°C. Upon reconstitution, protein aliquots should be stored at -20°C or -80°C.
Storage Buffer	The protein was lyophilized from a solution containing 1X PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H2O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

GENE INFORMATION

Gene Name	Ccl3 chemokine (C-C motif) ligand 3 [Mus musculus (house mouse)]
Official Symbol	Ccl3
Synonyms	G0S19-1, LD78alpha, MIP-1alpha, MIP1-(a), MIP1-alpha, Mip1a, Scya3
Gene ID	20302
mRNA Refseq	NM_011337.2
Protein Refseq	NP_035467.1
UniProt ID	P10855

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