

Active Recombinant Mouse Ccl12 Protein

Cat. No. Ccl12-001M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse MCP-5 (Ccl12) without tag was expressed in E.coli.
Species	Mouse
Source	E.coli
Description	Chemotactic factor that attracts eosinophils, monocytes, and lymphocytes but not neutrophils. Potent monocyte active chemokine that signals through CCR2. Involved in allergic inflammation and the host response to pathogens and may play a pivotal role during early stages of allergic lung inflammation.
Bio-activity	Determined by its ability to chemoattract human peripheral blood monocytes using a concentration range of 10.0-50.0 ng/ml.
Molecular Mass	9.3 kDa
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.
Storage	Store at -80 centigrade.

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Storage Buffer	Lyophilized from a 0.2 M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
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Reconstitution	Resuspend the protein in the desired concentration in proper buffer.
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GENE INFORMATION

Gene Name	Ccl12 chemokine (C-C motif) ligand 12 [Mus musculus (house mouse)]
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Official Symbol	Ccl12
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Synonyms	Ccl12; chemokine (C-C motif) ligand 12; MCP-5; Scya12; C-C motif chemokine 12; MCP-1-related chemokine; monocyte chemoattractant protein 5; monocyte chemotactic protein 5; small-inducible cytokine A12
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Gene ID	20293
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mRNA Refseq	NM_011331
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Protein Refseq	NP_035461
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UniProt ID	Q62401
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