

Active Recombinant Mouse Ccl12 Protein

Cat. No. Ccl12-2028M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse chemokine (C-C motif) ligand 12 (Ccl12 / MCP-5) without tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Gly23-Gly104
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	Bioactivity was measured by its ability to chemoattract THP-1 cells in a dose dependent manner.
Molecular Mass	10 kDa
Endotoxin	Less than 0.01 ng/μg protein as determined by the LAL method
Purity	> 98%, as determined by Coomassie stained SDS-PAGE.
Stability	Unopened vial can be stored between 2 and 8 centigrade for up to 2 weeks, at -20 centigrade for up to 6 months, or at -70 centigrade or below until the expiration date.

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Aliquots can be stored between 2 and 8 centigrade for up to one week and stored at -20 centigrade or colder for up to 3 months. Avoid repeated freeze/thaw cycles.

Storage	Store at -80 centigrade.
Concentration	Protein formulated and vialled at >50 µg/mL in specified buffer
Storage Buffer	1 x PBS

GENE INFORMATION

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

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