

## Active Recombinant Mouse Ccl12 Protein

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

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of Mouse chemokine (C-C motif) ligand 12 (Ccl12 / MCP-5) without tag was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Gly23-Gly104
<b>Description</b>	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.
<b>Bio-activity</b>	Bioactivity was measured by its ability to chemoattract THP-1 cells in a dose dependent manner.
<b>Molecular Mass</b>	10 kDa
<b>Endotoxin</b>	Less than 0.01 ng/μg protein as determined by the LAL method
<b>Purity</b>	> 98%, as determined by Coomassie stained SDS-PAGE.
<b>Stability</b>	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.

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

## GENE INFORMATION

<b>Gene Name</b>	Ccl12 chemokine (C-C motif) ligand 12 [ <i>Mus musculus</i> (house mouse) ]
<b>Official Symbol</b>	Ccl12
<b>Synonyms</b>	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
<b>Gene ID</b>	20293
<b>mRNA Refseq</b>	NM_011331
<b>Protein Refseq</b>	NP_035461
<b>UniProt ID</b>	Q62401

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