

MCP-2 (CCL8) Active Protein | MCP-2 active protein

Recombinant Mouse MCP-2 (CCL8)

CATALOG #
AAA214330

HOST
E Coli

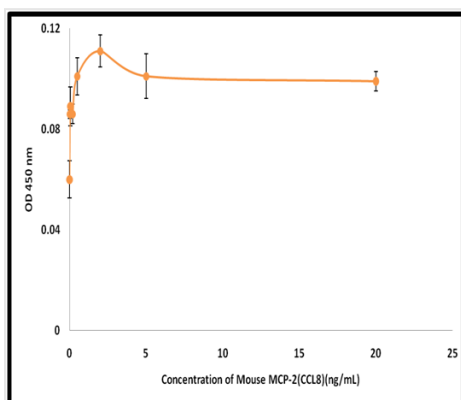
PRODUCT SYNONYMS

MCP-2 (CCL8); Recombinant Mouse MCP-2 (CCL8); C-C motif chemokine 8; Monocyte chemotactic protein 2; MCP2; Small-inducible cytokine A8; Mcp2; Scya8; Recombinant Mouse Monocyte Chemoattractant Protein-2 (CCL8); MCP-2 active protein

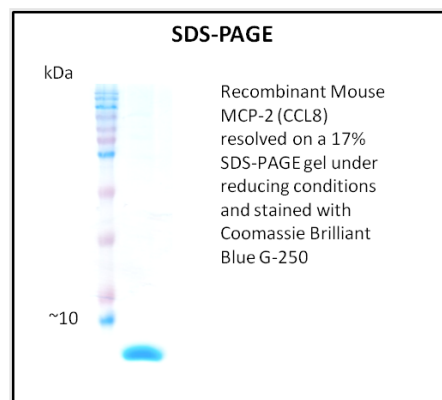
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95% as determined by SDS-PAGE
Form/Format	Lyophilized from a 0.2 um filtered 20 mM PB solution pH 7.5, 100 mM NaCl.
Sequence Length	97
Bioactivity	The ED(50) was determined by the dose-dependent chemo-attraction human PBMC using a range of 10-100 ng/mL.
Endotoxin Level	<1.0 EU/ug of recombinant protein as determined by the LAL method.
Reconstitution	A quick spin of the vial followed by reconstitution in distilled water to a concentration not less than 0.1 mg/mL. This solution can then be diluted into other buffers.
Preparation and Storage	The lyophilized protein is stable for at least one year from date of receipt at -70 degree C. Upon reconstitution, this cytokine can be stored in working aliquots at 2-8 degree C for one month, or at -20 degree C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for MCP-2 active protein	Monocyte chemotactic protein (MCP-2) is a C-C chemokine. It shares over 60% amino acid identity with MCP-1 and MCP-3 and has about 30% identity with other C-C chemokines MIP-1 alpha, RANTES, and MIP-1 beta. MCP-2 is chemotactic for and activates a wide variety of inflammatory cells. Also, its spectrum of action on leukocytes is similar to that of MCP-3. The leukocytes affected are monocytes, T lymphocytes, natural killer cells, basophils, mast cells, and eosinophils-differs from MCP-1 which is not active on eosinophils. MCP-2 has been proposed to interact with multiple C-C chemokine receptors, including those used by MCP-1 and MCP-3. However, since leukocytes express a multiplicity of chemokine receptors with promiscuous binding and functional properties, it is difficult to identify the receptors used by a given ligand on these cells.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10946818
NCBI GeneID	20307
NCBI Accession #	NP_067418.1
NCBI GenBank Nucleotide #	NP_067418.1
UniProt Accession #	Q9Z121
Molecular Weight	9.0 kDa
NCBI Official Full Name	C-C motif chemokine 8
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 8
NCBI Official Symbol	Ccl8
NCBI Official Synonym Symbols	HC14; Mcp2; MCP-2; Scya8; AB023418; 1810063B20Rik
NCBI Protein Information	C-C motif chemokine 8
UniProt Protein Name	C-C motif chemokine 8
UniProt Gene Name	Ccl8
UniProt Synonym Gene Names	Mcp2; Scya8; MCP-2
UniProt Entry Name	CCL8_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/e-coli-active-protein/mcp-2-ccl8/214330>