

Monocyte Chemotactic Protein-1 Recombinant Protein | mMCP 1 recombinant protein

Recombinant Mouse Monocyte Chemotactic Protein-1 (CCL2) His Tag

CATALOG # AAA39076	HOST E Coli
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PRODUCT SYNONYMS

Monocyte Chemotactic Protein-1; Recombinant Mouse Monocyte Chemotactic Protein-1 (CCL2) His Tag; MCP 1 Mouse; His; Monocyte Chemotactic Protein-1 Mouse Recombinant (CCL2); His Tag; Small inducible cytokine A2; CCL2; Monocyte chemotactic protein 1; MCP-1; Monocyte chemoattractant protein 1; Monocyte chemotactic and activating factor; MCAF; Monocyte secretory protein JE; HC11; chemokine (C-C motif) ligand 2; MCP1; SCYA2; GDCF-2; SMC-CF; HSMCR30; MGC9434; GDCF-2 HC11; mMCP 1 His; mMCP 1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90.0% as determined by SDS-PAGE.
Form/Format	MCP-1 protein solution (0.25mg/ml) containing PBS (pH 7.4) and 10% glycerol. Sterile Filtered colorless clear solution.
Sequence	MGSSHHH HHHSSGLVPR GSHMQP DAVNAPLTCC YSFTSKMIPM SRLESYKRIT SSRCPKEAVV FVTKLKREVC ADPKKEWVQT YIKNLDRNQM RSEPTTLFKT ASALRSSAPL NVKLTRKSEA NASTTFSTTT SSTSVGVTSV TVN
Sequence Length	148
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please avoid freeze thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for mMCP 1 recombinant protein	Description: MCP-1 Mouse Recombinant produced in E Coli is a single, non-glycosylated polypeptide chain containing 146 amino acids (24-148 a.a) and having a molecular mass of 16kDa.MCP-1 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Introduction: Chemokine (C-C motif) ligand 2 (CCL2) is a small cytokine belonging to the CC chemokine family that is also known as monocyte chemotactic protein-1 (MCP-1). It is found at the site of tooth eruption and bone degradation. In the bone, CCL2 is expressed by mature osteoclasts and osteoblasts and is under the control of nuclear factor ?B (NF?B). CCL2 recruits immune cells, such as monocytes, to sites of tissue injury and infection. This chemokine is produced as a protein precursor containing signal peptide of 23 amino acids and a mature peptide of 76 amino acids. It is a monomeric polypeptide, with a molecular weight of approximately 13kDa. As with many other CC chemokines, CCL2 is located on chromosome 17 in humans. The cell surface receptors that bind CCL2 are CCR2 and CCR5.
Product Categories/Family for mMCP 1 recombinant protein	Chemokines; MCP

NCBI AND UNIPROT INFORMATION

NCBI GI #	6755430
NCBI GeneID	20296
NCBI Accession #	NP_035463.1
NCBI GenBank Nucleotide #	NM_011333.3

UniProt Accession #	P10148; Q9QYD7
NCBI Official Full Name	C-C motif chemokine 2
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 2
NCBI Official Symbol	Ccl2
NCBI Official Synonym Symbols	JE; HC11; MCAF; MCP1; MCP-1; Scya2; Sigje; SMC-CF; AI323594
NCBI Protein Information	C-C motif chemokine 2; monocyte chemoattractant protein 1; monocyte chemoattractant protein-1; monocyte chemotactic protein 1; platelet-derived growth factor-inducible protein JE; small inducible cytokine A2; small-inducible cytokine A2
UniProt Protein Name	C-C motif chemokine 2
UniProt Gene Name	Ccl2
UniProt Synonym Gene Names	Je; Mcp1; Scya2; MCP-1
UniProt Entry Name	CCL2_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/ccl2-recombinant-protein-e-coli/39076>