

MCP-1 Recombinant Protein | MCP-1/MCAF recombinant protein

RECOMBINANT HUMAN MCP-1/MCAF

CATALOG # AAA50535	APPLICATIONS Western Blot, Functional Assay, ELISA
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PRODUCT SYNONYMS

MCP-1; RECOMBINANT HUMAN MCP-1/MCAF; MCP-1/MCAF recombinant protein

PRODUCT SPECIFICATIONS

Purity/Purification	>98% by SDS PAGE and HPLC analysis
Form/Format	Purified recombinant protein - lyophilised
Concentration	Approximate Protein Concentration: 0.1 mg/ml after reconstitution (varies by lot)
Sequence Length	99
Applicable Applications for MCP-1/MCAF recombinant protein	WB (Western Blot), FA (Functional Assay), ELISA
Reconstitution	Reconstitute with 0.2 ml distilled water Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. AAA Biotech recommends that the vial is gently mixed after reconstitution. Preparation
Target Species	Human
Preparation and Storage	Prior to reconstitution store at 4 degree C. Following reconstitution store at -20 degree C. Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 3 months from date of reconstitution.

ADDITIONAL INFORMATION

Related Product Information for MCP-1/MCAF recombinant protein	Recombinant human MCP-1/MCAF also known as C-C motif chemokine 2, Monocyte chemoattractant protein 1, Monocyte chemoattractant protein 1, HC11 or Small-inducible cytokine A2 is encoded by the CCL2 gene. Recombinant MCP-1 is a 76 amino acid ~13kDa chemokine involved in chemotaxis and polarization of the immune response. Recombinant human MCP-1/MCAF has been employed successfully as a control antigen in the development of a sensitive ELISA employing Mouse anti Human MCP-1 antibody clone 2.2-4A4-1A11 as a capture reagent and biotinylated Rabbit anti Human MCP-1 polyclonal antibody as a detection reagent.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506841
NCBI GeneID	6347
NCBI Accession #	NP_002973.1
NCBI GenBank Nucleotide #	NM_002982.3
UniProt Accession #	P13500 ; Q9UDF3 ; B2R4V3
Molecular Weight	Protein Molecular Weight: 8.6kD (76 Amino acid sequence)
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	HC11; MCAF; MCP1; MCP-1; SCYA2; GDCF-2; SMC-CF; HSMCR30
NCBI Protein Information	C-C motif chemokine 2; monocyte chemoattractant protein 1; monocyte chemoattractant protein-1; monocyte chemotactic and activating factor; monocyte chemotactic protein 1; monocyte secretory protein JE; small inducible cytokine A2 (monocyte chemotactic protein 1, homologous to mouse Sig-je); small inducible cytokine subfamily A (Cys-Cys), member 2; small-inducible cytokine A2
UniProt Protein Name	C-C motif chemokine 2
UniProt Gene Name	CCL2
UniProt Synonym Gene Names	MCP1; SCYA2; MCAF; MCP-1
UniProt Entry Name	CCL2_HUMAN

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-wb-western-blot-fa-functional-assay-elisa/50535>