

Monocyte Chemotactic Protein-3 Active Protein | MCP 3 active protein

Recombinant Human Monocyte Chemotactic Protein-3 (CCL7)

CATALOG #
AAA38087

PRODUCT SYNONYMS

Monocyte Chemotactic Protein-3; Recombinant Human Monocyte Chemotactic Protein-3 (CCL7); MCP 3 Human; Monocyte Chemotactic Protein-3 Human Recombinant (CCL7); Small inducible cytokine A7; CCL7; Monocyte chemotactic protein 3; MCP-3; Monocyte chemoattractant protein 3; NC28; chemokine (C-C motif) ligand 7; FIC; MARC; MCP3; SCYA6; SCYA7; MGC138463; MGC138465; MCP 3 active protein

PRODUCT SPECIFICATIONS

Purity/Purification	Greater than 98.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Form/Format	The protein was lyophilized from a concentrated (1mg/ml) sterile solution containing no additives.
Sequence	Thesequenc eofthefirs ftiveN-ter minalamino acidswasde terminedan dwasfoundt obeGln-Pro -Val-Gly-I le
Sequence Length	99
Source	E.Coli
Physical Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Solubility	It is recommended to reconstitute the lyophilized Monocyte Chemotactic Protein-3in sterile 18M Omega -cm H ₂ O not less than 100 ug/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	The specific activity as determined by the ability of MCP-3 to chemoattract human peripheral blood at 8 - 80ng/ml.
Preparation and Storage	Lyophilized MCP-3 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CCL7 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for MCP 3 active protein	Description: Monocyte Chemotactic Protein-3 Human Recombinant produced in E Coli is a non-glycosylated, Polypeptide chain containing 76 amino acids and having a molecular mass of 9011 Dalton. The MCP-3 is purified by proprietary chromatographic techniques. Introduction: Chemokine (C-C motif) ligand 7 (CCL7) is a small cytokine known as a chemokine that was previously called monocyte-specific chemokine 3 (MCP3). Due to CCL7 possessing two adjacent N-terminal cysteine residues in its mature protein, it is classified among the subfamily of chemokines known as CC chemokines. CCL7 specifically attracts monocytes, and regulates macrophage function. It is produced by certain tumor cell lines and by macrophages. This chemokine is located on chromosome 17 in humans, in a large cluster containing many other CC chemokines and is most closely related to CCL2(previously called MCP1).
Product Categories/Family for MCP 3 active protein	Chemokines; MCP

NCBI AND UNIPROT INFORMATION

NCBI GI #	13435402
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NCBI GeneID	6354
NCBI Accession #	NP_006264.2
NCBI GenBank Nucleotide #	NM_006273.3
UniProt Accession #	P80098; Q569J6
NCBI Official Full Name	C-C motif chemokine 7
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 7
NCBI Official Symbol	CCL7
NCBI Official Synonym Symbols	FIC; MARC; MCP3; NC28; MCP-3; SCYA6; SCYA7
NCBI Protein Information	C-C motif chemokine 7; monocyte chemoattractant protein 3; monocyte chemotactic protein 3; small inducible cytokine A7 (monocyte chemotactic protein 3); small-inducible cytokine A7
UniProt Protein Name	C-C motif chemokine 7
UniProt Gene Name	CCL7
UniProt Synonym Gene Names	MCP3; SCYA6; SCYA7; MCP-3
UniProt Entry Name	CCL7_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mcp-3-active-protein/monocyte-chemotactic-protein-3/38087>