

Monocyte Chemotactic Protein 1 (MCP1) Active Protein | MCP1 active protein

Active Monocyte Chemotactic Protein 1 (MCP1)

CATALOG # AAA152976	HOST E coli	APPLICATIONS Activity Assay, Cell Culture
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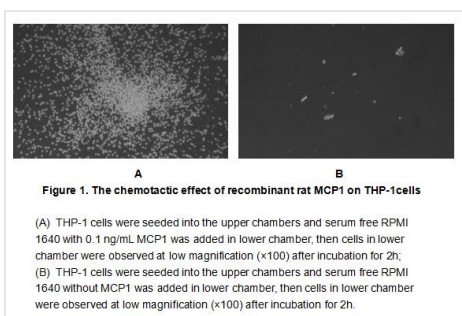
PRODUCT SYNONYMS

Monocyte Chemotactic Protein 1 (MCP1); Active Monocyte Chemotactic Protein 1 (MCP1); Monocyte Chemotactic Protein 1; MCP1 active protein (prokaryotic); Rat; CCL2; GDC2; HC11; HSMCR30; MCAF; MCP1; SCYA2; SMC-CF; Chemokine C-C-Motif Ligand 2; Monocyte Chemotactic And Activating Factor; Monocyte Secretory Protein JE; MCP1 active protein

PRODUCT SPECIFICATIONS

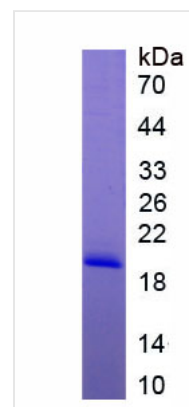
Host	E coli
Purity/Purification	Greater than 97% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Gln24~Asn148
Applicable Applications for MCP1 active protein	Activity Assay, Cell Culture
Expression System	Prokaryotic expression
Species	Rat
Tag	N-terminal His
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	9.1
Research Area	Cytokine
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES



Bioactivity

Monocyte Chemotactic Protein 1 (MCP1), also known as C-C motif chemokine 2(CCL2), is a member of the beta (C-C) subfamily of chemokines that is a chemoattractant for monocytes and basophils. Rat CCL2 is secreted as a 14 kDa glycoprotein monomer but noncov



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for MCP1 active protein	Active proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13928714
NCBI GeneID	24770
NCBI Accession #	NP_113718.1
NCBI GenBank Nucleotide #	NM_031530.1
UniProt Accession #	P14844; Q549R5
Molecular Weight	16,460 Da
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	MCP-1; Scya2; Sigje
NCBI Protein Information	C-C motif chemokine 2; immediate-early serum-responsive JE protein; immediate-early serum-responsive protein JE; monocyte chemoattractant protein 1; monocyte chemoattractant protein-1; monocyte chemotactic protein 1; small inducible cytokine A2; small ind
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_RAT

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/monocyte-chemotactic-protein-1-mcp1/152976>