

Membrane Cofactor Protein (MCP) Recombinant Protein | MCP recombinant protein

Recombinant Membrane Cofactor Protein (MCP)

CATALOG # AAA20256	HOST E Coli	APPLICATIONS SDS-Page, Western Blot, ELISA, Immunoprecipitation
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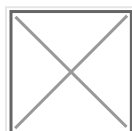
PRODUCT SYNONYMS

Membrane Cofactor Protein (MCP); Recombinant Membrane Cofactor Protein (MCP); MCP recombinant protein

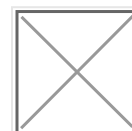
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90%
Form/Format	Supplied as lyophilized form in 20mM Tris, 500mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Sequence Length	355
Applicable Applications for MCP recombinant protein	SDS-PAGE, WB (Western Blot), ELISA, IP (Immunoprecipitation)
Organism	Rattus norvegicus (Rat)
Expression System	Prokaryotic expression
Residues	Met136~Val341 (Accession # Q9Z0M4) with two N-terminal Tags, His-tag and GST-tag
Subcellular Location	Cytoplasmic vesicle, secretory vesicle, acrosome inner membrane; Single-pass membrane protein.
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted Isoelectric Point	6.7
Reconstitution	Reconstitute in sterile ddH ₂ O.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

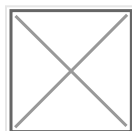
IMAGES



Application Data



SDS-PAGE



Sequence Information

NCBI AND UNIPROT INFORMATION

NCBI GI #	9506883
NCBI GeneID	29333
NCBI Accession #	NP_062063.1
NCBI GenBank Nucleotide #	NM_019190.1
UniProt Accession #	Q9Z0M4
Molecular Weight	54.4kDa
NCBI Official Full Name	membrane cofactor protein
NCBI Official Synonym Full Names	CD46 molecule, complement regulatory protein
NCBI Official Symbol	Cd46
NCBI Official Synonym Symbols	Mcp
NCBI Protein Information	membrane cofactor protein; CD46 antigen, complement regulatory protein
UniProt Protein Name	Membrane cofactor protein
UniProt Gene Name	Cd46
UniProt Synonym Gene Names	Mcp
UniProt Entry Name	MCP_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/cd46-recombinant-protein-e-coli-sds-page-wb-western-blot-elisa-ip-immunoprecipitation/20256>