

CD46 recombinant protein

Recombinant Human CD46

CATALOG #
AAA39050HOST
E Coli

PRODUCT SYNONYMS

CD46; Recombinant Human CD46; CD46 Human; CD46 Human Recombinant; AHUS2; MCP; MIC10; TLX; TRA2.10; Membrane cofactor protein; Trophoblast leukocyte common antigen; CD46 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 85% as determined by SDS-PAGE.
Form/Format	CD46 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl and 20% glycerol.
Concentration	0.5mg/ml (varies by lot)
Sequence	MGSSHHH HHHSSGLVPR GSHMGS CEEPPTFEAM ELIGKPKPYE EIGERVDYKC KKGIFYIPPL ATHTICDRNH TWLPVSDDAC YRETCPIYRD PLNGQAVPAN GTYEFQYQMH FICNEGYLI GEEILYCELK GSAIWSGKP PICEKVLCTP PPKIKNGKHT FSEVEVFEYL DAVTSCDPA PGDPFSLIG ESTIYCGDNS VWSRAAPECK VVKCRFPVVE NGKQISGFGK KFYKATVMF ECDKGFYLDG SDTIVCDSNS TWDPVPVKCL KGPRPTYKPP VSNYPGYPKP EEGILDSLD

ADDITIONAL INFORMATION

Related Product Information for CD46 recombinant protein	Description: CD46 Human Recombinant produced in E Coli is a single, non-glycosylated polypeptide chain containing 302 amino acids (35-313 a.a) and having a molecular mass of 33.8kDa. CD46 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Introduction: Membrane cofactor protein isoform 14 (CD46), is a type I membrane protein which has cofactor activity for inactivation of complement components C3b and C4b by serum factor I. This function resides in the complement control protein repeats (CCPs), with CCP14 vital for regulation. CD46 is also involved in the fusion of the spermatozoa with the oocyte during fertilization. CD46 is common in thymocytes, T cells, B cells, monocytes, granulocytes, NK cells, platelets, endothelial cells, epithelial cells, fibroblasts, placenta and sperm.
Product Categories/Family for CD46 recombinant protein	Recombinant & Natural Proteins; CD Antigens

NCBI AND UNIPROT INFORMATION

NCBI GI #	27502402
NCBI GeneID	4179
NCBI Accession #	NP_002380.3
NCBI GenBank Nucleotide #	NM_002389.4
UniProt Accession #	P15529; Q15429; Q53GV9; Q5HY94; Q5VWS6; Q5VWS7; Q5VWS8; Q5VWS9; Q5VWT0; A0T1T0; A0T1T1; A0T1T2
Molecular Weight	36,826 Da
NCBI Official Full Name	membrane cofactor protein isoform 1

NCBI Official Synonym Full Names	CD46 molecule, complement regulatory protein
NCBI Official Symbol	CD46
NCBI Official Synonym Symbols	MCP; TLX; AHUS2; MIC10; TRA2.10
NCBI Protein Information	membrane cofactor protein; CD46 antigen, complement regulatory protein; antigen identified by monoclonal antibody TRA-2-10; complement membrane cofactor protein; measles virus receptor; membrane cofactor protein (CD46, trophoblast-lymphocyte cross-reactive antigen); trophoblast leucocyte common antigen; trophoblast leukocyte common antigen
UniProt Protein Name	Membrane cofactor protein
UniProt Gene Name	CD46
UniProt Synonym Gene Names	MCP; MIC10
UniProt Entry Name	MCP_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/cd46-recombinant-protein-e-coli/39050>