

Recombinant Human CD46 protein, His-tagged

Cat. No. CD46-6744H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD46 protein(P15529-1)(Cys35-Asp343), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Cys35-Asp343
Tag	C-His
Form	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human CD46, His Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Anti-CD46 Antibody, hFc Tag with the EC50 of 4.2ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 35.4 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot

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the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [CD46 CD46 molecule, complement regulatory protein \[Homo sapiens \]](#)

Official Symbol [CD46](#)

Synonyms CD46; CD46 molecule, complement regulatory protein; antigen identified by monoclonal TRA 2 10 , CD46 antigen, complement regulatory protein , MCP, membrane cofactor protein (CD46, trophoblast lymphocyte cross reactive antigen) , MIC10; membrane cofactor protein; MGC26544; TLX; TRA2.10; measles virus receptor; complement membrane cofactor protein; trophoblast leucocyte common antigen; trophoblast leukocyte common antigen; CD46 antigen, complement regulatory protein; trophoblast-lymphocyte cross-reactive antigen; antigen identified by monoclonal TRA-2-10; membrane cofactor protein (CD46, trophoblast-lymphocyte cross-reactive antigen); MCP; AHUS2; MIC10;

Gene ID [4179](#)

mRNA Refseq [NM_002389](#)

Protein Refseq [NP_002380](#)

MIM [120920](#)

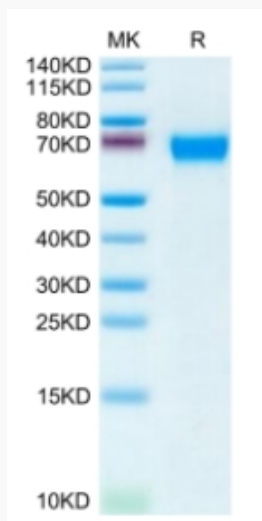
UniProt ID [P15529](#)

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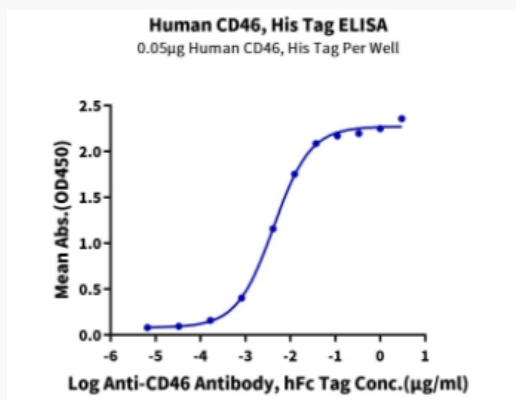
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Tris-Bis PAGE



ELISA Data



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