

## Active Recombinant Human CD46 protein, hFc-tagged

**Cat. No.** CD46-0381H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CD46 protein(P15529)(35-328aa), fused to C-terminal hFc tag, was expressed in Mammalian cell.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	35-328aa
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA. Immobilized CD46 at 2 µg/ml can bind Anti-CD46 rabbit monoclonal antibody, the EC50 of human CD46 protein is 0.8333-1.054 ng/ml.
<b>Molecular Mass</b>	61.6 kDa
<b>AA Sequence</b>	CEEPPTFEAMELIGKPKPYEIGERVDYKCKKGYFYIPPLATHHTICDRNHTWLPVSDD ACYRETCPYIRDPLNGQAVPANGTYEFGYQMHFICNEGYYLIGEEILYCELKGSVAIW SGKPPICEKVLCTPPPKIKNGKHTFSEVEVFEYLDVAVTYSCDPAPGPDPSLIGESTIY CGDNSVWSRAAPECKVVKCRFPVVENGKQISGFGKKFYKATVMFECDKGFYLDG SDTIVCDSNSTWDPPVPKCLKVLPPSSTKPPALSHSVSTSSTTKSPASSASGPRPTY KPPVSNY

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<b>Endotoxin</b>	Less than 1.0 EU/ug as determined by LAL method.
<b>Purity</b>	Greater than 92% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

## GENE INFORMATION

<b>Gene Name</b>	CD46 CD46 molecule, complement regulatory protein [ Homo sapiens ]
<b>Official Symbol</b>	CD46
<b>Synonyms</b>	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;
<b>Gene ID</b>	4179
<b>mRNA Refseq</b>	NM_002389

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**Protein Refseq** [NP\\_002380](#)

**MIM** [120920](#)

**UniProt ID** [P15529](#)

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