

Active Recombinant Human CD46 protein, hFc-tagged

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

SPECIFICATION

Product Overview	Recombinant Human CD46 protein(P15529)(35-328aa), fused to C-terminal hFc tag, was expressed in Mammalian cell.
Species	Human
Source	Mammalian Cells
ProteinLength	35-328aa
Form	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.
Bio-activity	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.
Molecular Mass	61.6 kDa
AA Sequence	CEEPPTFEAMELIGKPKPYEIGERVDYKCKKGYFYIPPLATHHTICDRNHTWLPVSDD ACYRETCPIYIRDPLNGQAVPANGTYEFGYQMHFICNEGYYLIGEEILYCELGKGSVAIW SGKPPICEKVLCTPPPKIKNGKHTFSEVEVFEYLDVAVTYSCDPAPGPDPSLIGESTIY CGDNSVWSRAAPECKVVKCRFPVVENGKQISGFGKKFYKATVMFECDKGFYLDG SDTIVCDSNSTWDPPVPKCLKVLPPSSTKPPALSHSVSTSSTTKSPASSASGPRPTY KPPVSNY

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Endotoxin	Less than 1.0 EU/ug as determined by LAL method.
Purity	Greater than 92% as determined by SDS-PAGE.
Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Protein Refseq	NP_002380
MIM	120920
UniProt ID	P15529

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA