

## Recombinant Human CD46 protein, rFc-tagged

**Cat. No.** CD46-3735H    **Lot. No.** (See product label)

### SPECIFICATION

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| <b>Product Overview</b> | Recombinant Human CD46 protein(P15529-11)(Cys35-Asp328), fused with C-terminal rFc tag, was expressed in HEK293.                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                      |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                     |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.                                                                                           |
| <b>Molecular Mass</b>   | 59.1 kDa                                                                                                                                                                                                                                   |
| <b>Endotoxin</b>        | <0.1 EU/µg protein, LAL method                                                                                                                                                                                                             |
| <b>Purity</b>           | >90 %, SDS-PAGE                                                                                                                                                                                                                            |
| <b>Storage</b>          | It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. Until expiry date, -20°C to -80°C as lyophilized proteins. 3 months, -20°C to -80°C under sterile conditions after reconstitution. |
| <b>Reconstitution</b>   | Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.                                                                                                                                                |

### GENE INFORMATION

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| <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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Protein Refseq</b>  | NP_002380                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>MIM</b>             | 120920                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>UniProt ID</b>      | P15529                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |