

PRODUCT INFORMATION

CD46 Target Synonyms Мср

Recombinant mouse CD46 protein with C-terminal **Description**

human Fc tag

Delivery In Stock **Uniprot ID** 088174 **Expression Host HEK293**

Tag C-Human Fc tag

Molecular

Background

Mouse CD46(Cys45-Asp327) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of 57.8 kDa after removal of the signal peptide. The **Molecular Weight** apparent molecular mass of mCD46-hFc is

approximately 70-100 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

Predicted to enable cadherin binding activity. Predicted to contribute to endopeptidase activity. Predicted to be involved in several processes, including positive regulation of T cell activation; regulation of gene expression; and regulation of signal transduction. Predicted to be located in basolateral plasma membrane; cell surface; and inner acrosomal membrane. Predicted to be active in extracellular space and plasma membrane. Is expressed in testis. Used to study

age related macular degeneration. Human ortholog(s) of this gene implicated in several diseases, including atypical hemolytic-uremic syndrome; hemolytic-uremic syndrome; meningococcal meningitis; multiple sclerosis; and

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pre-eclampsia. Orthologous to human CD46 (CD46 molecule). [provided by Alliance of

Genome Resources, Nov 2024]

Usage Research use only Conjugate Unconjugated



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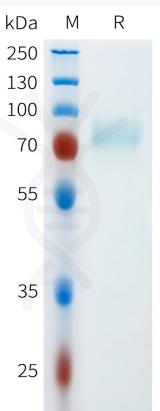


Figure 1. Mouse CD46 Protein, hFc Tag on SDS-PAGE under reducing condition.



