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32-18589: Mouse CD46 Protein, hFc Tag

Gene : CD46
Uniprot ID : O88174
Alternative Name : Mcp,Recombinant mouse CD46 protein with C-terminal human Fc tag

Description

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 pre-eclampsia. Orthologous to human CD46 (CD46 molecule). [provided by Alliance of Genome Resources, Nov 2024]
Molecular Weight : The protein has a predicted molecular mass of 57.8 kDa after removal of the signal peptide. The apparent molecular mass of mCD46-hFc is approximately 70-100 kDa due to glycosylation.
Tag :C-Human Fc tag

Product Info

Amount :	50μg / 10μg
Purification :	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage condition :	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 at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

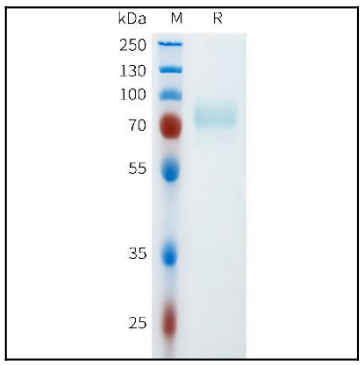


Figure 1. Mouse CD46 Protein, hFc Tag on SDS-PAGE under reducing condition.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.