

RPCB0401

Product Information

Product SKU:	RPCB0401	Gene ID:	4179	Size:	10µg
Tag:	C-His	Reactivity:	Human		

Additional Information

Expression Host:	HEK293 cells	Swissprot:	P15529-11
Purity:	> 90% by SDS-PAGE.		

Protein Information

Background: The recombinant human CD46 consists of 305 amino acids with a molecular weight of 34 kDa. The apparent molecular mass of recombinant human CD46 is about 55-60 kDa in SDS-PAGE under reducing conditions due to glycosylation. CD46 is also known as MCP and is a type I membrane protein that functions as a cofactor for Complement Factor I-mediated inactivation of complement components C3b and C4b. CD46 is expressed in white blood cells, platelets, epithelial cells, and fibroblasts. In T-cells by binding to CD46, A number of viral and bacterial pathogens seem to exploit this property and directly induce an immunosuppressive phenotype. Defects in CD46 are a cause of susceptibility to hemolytic uremic syndrome atypical type 2 (AHUS2), a disease characterized by uncontrolled complement activation.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Human CD46 Protein, tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

Endotoxin: < 0.1 EU/µg of the protein by LAL method.

Formulation: Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Storage: Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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