

Datasheet for ABIN5854715
CD46 Protein (CD46) (AA 35-313) (His tag)



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1 Image

Overview

Quantity:	50 µg
Target:	CD46
Protein Characteristics:	AA 35-313
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD46 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADLCEEPPTF EAMELIGKPK PYEIGERVD YKCKKGYFYI PPLATHTICD RNHTWLPVSD DACYRETCPY IRDPLNGQAV PANGTYEFGY QMHFICNEGY YLIGEEILYC ELKGSVAIWS GKPPICEKVL CTPPPKIKNG KHTFSEVEVF EYLDAVTYSC DPAPGDPFSLIGESTIYCG DNSVWSRAAP ECKVVKCRFP VVENGKQISG FGKKFYKAT VMFECDKGFY LDGSDTIVCD SNSTWDPPVP KCLKGPRPTY KPPVSNYPGY PKPEEGILDS LDHHHHHHH
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

Target:	CD46
Alternative Name:	CD46 (CD46 Products)

Target Details

Background: CD46, also known as membrane cofactor protein isoform 14, is a type 1 membrane protein that plays an important inhibitory role in the complement system. It is expressed in white blood cells, platelets, epithelial cells, and fibroblasts. The importance of CD46 to complement regulation is underscored by the observation that genetic loss of CD46 leads to development of atypical hemolytic-uremic syndrome, a disease characterized by uncontrolled complement activation. Recombinant human CD46, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 32.5kDa (288aa) 40-57KDa (SDS-PAGE under reducing conditions.)

NCBI Accession: [NP_758860](#)

UniProt: [P15529](#)

Pathways: [Regulation of Actin Filament Polymerization](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

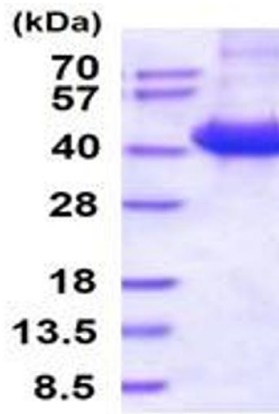
Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.