

Datasheet for ABIN7491073
VCAM1 Protein (AA 25-698) (His tag)



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1 Image

Overview

Quantity:	100 µg
Target:	VCAM1
Protein Characteristics:	AA 25-698
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This VCAM1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant human CD106 protein with C-terminal 6xHis tag
Specificity:	CD106 (Phe25-Glu698) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	VCAM1
Alternative Name:	CD106 (VCAM1 Products)
Background:	This gene is a member of the Ig superfamily and encodes a cell surface sialoglycoprotein

Target Details

expressed by cytokine-activated endothelium. This type I membrane protein mediates leukocyte-endothelial cell adhesion and signal transduction, and may play a role in the development of atherosclerosis and rheumatoid arthritis. Three alternatively spliced transcripts encoding different isoforms have been described for this gene. [provided by RefSeq, Dec 2010]

Molecular Weight: predicted molecular mass of 75.1 kDa after removal of the signal peptide. The apparent molecular mass of CD106-His is 100-130 kDa due to glycosylation.

UniProt: [P19320](#)

Pathways: [Carbohydrate Homeostasis](#)

Application Details

Restrictions: For Research Use only

Handling

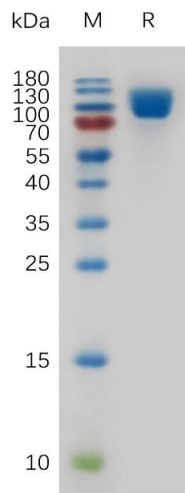
Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: 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.

Expiry Date: 12 months



SDS-PAGE

Image 1. Human CD106 Protein, His Tag on SDS-PAGE under reducing condition.