

Datasheet for ABIN7320757
VCAM1 Protein (Fc Tag)[Go to Product page](#)

1 Image

Overview

Quantity:	50 µg
Target:	VCAM1
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This VCAM1 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Mouse VCAM1 Protein (Fc Tag)
Sequence:	Phe25-Glu698
Characteristics:	Recombinant Mouse VCAM-1 is produced by our Mammalian expression system and the target gene encoding Phe25-Glu698 is expressed with a Fc tag at the C-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	VCAM1
Alternative Name:	VCAM1 (VCAM1 Products)
Background:	Background: Vascular cell adhesion molecule 1 (VCAM-1) is a cell surface protein belonging to the immunoglobulin superfamily, the protein is expressed by activated endothelial cells and certain leukocytes (such as macrophages). IL-1 beta, IL-4, TNF-alpha and IFN-gamma induced

Target Details

the expression of VCAM-1. The human and mouse VCAM-1 proteins share approximately 76 % amino acid similarity. Mouse VCAM-1 is Important in cell-cell recognition. it appears to function in leukocyte-endothelial cell adhesion, and interacts with integrin alpha-4/beta-1 (ITGA4/ITGB1) on leukocytes, and mediates both adhesion and signal transduction.

Synonym: CD106,Vascular cell adhesion protein 1, Vcam1, L1CAM,VCMA1,Vcam-1

Molecular Weight: 101.4 kDa

UniProt: [P29533](#)

Pathways: [Carbohydrate Homeostasis](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

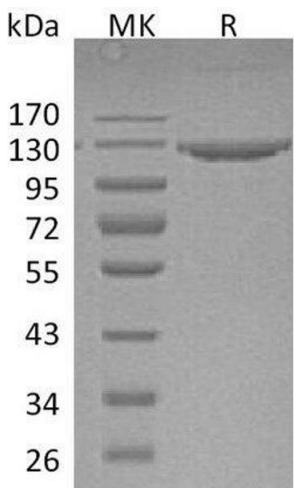
Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Images



Western Blotting

Image 1.