

Datasheet for ABIN7583283

**VCAM1 Protein (AA 25-698) (Fc Tag)**[Go to Product page](#)

## 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 Fc Tag.

## Product Details

Purpose:	Human VCAM-1/CD106 Protein
Sequence:	Phe25-Glu698
Characteristics:	Recombinant Human VCAM-1/CD106 Protein is expressed from HEK293 with hFc tag at the C-terminus. It contains Phe25-Glu698.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

## Target Details

Target:	VCAM1
Alternative Name:	VCAM-1 ( <a href="#">VCAM1 Products</a> )

## Target Details

Background:	Tumor necrosis factor alpha (TNFα) is a pro-inflammatory cytokine that triggers the expression of inflammatory molecules, including other cytokines and cell adhesion molecules. TNFα induces the expression of intercellular cell adhesion molecule-1 and vascular cell adhesion molecule-1 (VCAM-1). VCAM-1 was originally identified as a cell adhesion molecule that helps regulate inflammation-associated vascular adhesion and the transendothelial migration of leukocytes, such as macrophages and T cells.
Molecular Weight:	100.17 kDa. Due to glycosylation, the protein migrates to 105-125 kDa based on Tris-Bis PAGE result.
NCBI Accession:	<a href="#">NP_001069</a>
Pathways:	<a href="#">Carbohydrate Homeostasis</a>

## Application Details

Restrictions:	For Research Use only
---------------	-----------------------

## Handling

Format:	Liquid
Buffer:	Supplied as 0.22 µm filtered solution in PBS ( pH 7.4).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months