

[Go to Product page](#)

Datasheet for ABIN7505727

**VCAM1 Protein (AA 1-698) (His tag)**

## Overview

Quantity:	100 µg
Target:	VCAM1
Protein Characteristics:	AA 1-698
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This VCAM1 protein is labelled with His tag.

## Product Details

Sequence:	Met1-Glu698
Characteristics:	A DNA sequence encoding the Mouse VCAM-1 protein (P29533) (Met1-Glu698) was expressed with a C-His.
Purity:	>90 % as determined by reducing SDS-PAGE.

## Target Details

Target:	VCAM1
Alternative Name:	VCAM-1 ( <a href="#">VCAM1 Products</a> )
Background:	Background: Important in cell-cell recognition. Appears to function in leukocyte-endothelial cell adhesion. Interacts with integrin alpha-4/beta-1 (ITGA4/ITGB1) on leukocytes, and mediates both adhesion and signal transduction. The VCAM1/ITGA4/ITGB1 interaction may play a pathophysiologic role both in immune responses and in leukocyte emigration to sites of

### Target Details

	inflammation.
	Synonym: V-CAM 1,CD106
Molecular Weight:	72 kDa
UniProt:	<a href="#">P29533</a>
Pathways:	<a href="#">Carbohydrate Homeostasis</a>

### Application Details

Restrictions:	For Research Use only
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### Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile 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.
Expiry Date:	12 months