Recombinant Human VCAM1 Protein, His-tagged

Cat. No. VCAM1-172H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human vascular cell adhesion molecule 1(VCAM1) protein, transcript variant 2(NM_080682), with a His tag, was expressed in human cells.
Species	Human
Source	Human Cells
Description	This gene is a member of the Ig superfamily and encodes a cell surface sialoglycoprotein 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 artherosclerosis and rheumatoid arthritis. Three alternatively spliced transcripts encoding different isoforms have been described for this gene.
Form	Purified protein formulated in a sterile solution of TBS buffer, pH7.302, without any preservatives.
Molecular Mass	68.7 kDa
Endotoxin	Endotoxin level is < 0.1 ng/μg of protein (<1EU /μg)
Purity	>90% by SDS-PAGE gel and Coomassie Blue staining
Applications	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies.

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GENE INFORMATION

Gene Name	VCAM1 vascular cell adhesion molecule 1 [Homo sapiens]
Official Symbol	VCAM1
Synonyms	VCAM1; vascular cell adhesion molecule 1; vascular cell adhesion protein 1; CD106; CD106 antigen; INCAM-100; MGC99561; DKFZp779G2333;
Gene ID	7412
mRNA Refseq	NM_001078
Protein Refseq	NP_001069
MIM	192225
UniProt ID	P19320

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