

AR50397PU-S**Human CD106 / VCAM1 (25-698, His-tag) - Purified**

Alternate names:	INCAM-100, L1CAM, V-CAM 1, VCAM-1, Vascular cell adhesion protein 1
Quantity:	50 µg
Concentration:	0.25 mg/ml (determined by Bradford assay)
Background:	VCAM1 is a member of the Ig superfamily and is 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 atherosclerosis and rheumatoid arthritis.
Uniprot ID:	P19320
NCBI:	NP_001069
GeneID:	7412
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >80% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol
Description:	Recombinant human VCAM1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHHH SGLVPRGSH MFKIETTPES RYLAQIGDSV SLTCSTTGCE SPFFSWRTQI DSPLNGKVTN EGTSTLTMN PVSFGNEHSY LCTATCESRK LEKGIQVEIY SFPKDPEIHL SGPLEAGKPI TVKCSVADV PFDRLEIDLK KGDHLMKSQE FLEDADRKSL ETKSLEVTFT PVIEDIGKVL VCRAKLHIDE MDSVPTVRQA VKELQVYISP KNTVISVNPS TKLQEGGSVT MTCSSSEGLPA PEIFWSKKLD NGNLQHLSGN ATLTLIAMRM EDSGIYVCEG VNLIGKNRKE VELIVQEKPF TVEISPGPRI AAQIGDSVML TCSVMGCESP SFSWRTQIDS PLSGKVRSEG TNSTLTLSPV SFENEHSYLC TVTCGHKKLE KGIQVELYSF PRDPEIEMSG GLVNGSSVTV SCKVPSVYPL DRLEIELLKG ETILENIEFL EDTDMKSLEN KSLEMTFIPT IEDTGKALVC QAKLHIDDME FEPKQRQSTQ TLYVNVAPRD TTVLVSPSSI LEEGSSVNMT CLSQGFPAK ILWSRQLPNG ELQPLSENAT LTLISTKMED SGVYLCEGIN QAGRSRKEVE LIIQVTPKDI KLTAFPSESV KEGDTVIISC TCGNVPETWI ILKKAETGD TVLKSIDGAY TIRKAQLKDA GVYECESKNK VGSQRLSLTL DVQGRENNKD YFSPE Molecular weight: 767.9 kDa (695aa)
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Wu TC (2007) Cancer Res. 67 (13): 6003-6.

Pictures:

