

Product datasheet for **AR50397PU-N**

CD106 / VCAM1 (25-698, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	CD106 / VCAM1 (25-698, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MFKIETTPES RYLAQIGDSV SLTCSTTGCE SPFFSWRTQI DSPLNGKVTN EGGTSTLTMN PVSFGNEHSY LCTATCESRK LEKGIQVEIY SFPKDPEIHL SGPLEAGKPI TVKCSVADVY PFDRLIEDLL KGDHLMKSQE FLEDADRKSL ETKSLEVTFT PVIEDIGKVL VCRACLHIDE MDSVPTVRQA VKELQVYISP KNTVISVNPS TKLQEGGSVT MTCSSSEGLPA PEIFWSKKLD NGNLQHLSGN ATLTLIAMRM EDSGIYVCEG VNLIGKNRKE VELIVQEKP TVEISPGPRI AAQIGDSVML TCSVMGCESP SFSWRTQIDS PLSGKVRSEG TNSTLTLSVP SFENEHSYLC TVTCGHKKLE KGIQVELYSF PRDPEIEMSG GLVNGSSVTV SCKVPSVYPL DRLEIELLKG ETILENIEFL EDTDMKSLEN KSLMTFIPT IEDTGKALVC QAKLHIDDME FEPKQRQSTQ TLYVNVAPRD TTVLVSPSSI LEEGSSVNMT CLSQGFPAPK ILWSRQLPNG ELQPLSENAT LTLISTKMED SGVYLCEGIN QAGRSRKEVE LIIQVTPKDI KLTAFPSESV KEGDTVIISC TCGNVPETWI ILKKAETGD TVLKSIDGAY TIRKAQLKDA GYECESKNK VGSQLRSLTL DVQGRENNKD YFSPE
Tag:	His-tag
Predicted MW:	767.9 kDa
Concentration:	lot specific
Purity:	>80% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human VCAM1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
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.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001069



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Locus ID:	7412
UniProt ID:	P19320
Cytogenetics:	1p21.2
Synonyms:	CD106; INCAM-100
Summary:	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 arteriosclerosis and rheumatoid arthritis. Three alternatively spliced transcripts encoding different isoforms have been described for this gene. [provided by RefSeq, Dec 2010]
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Transmembrane
Protein Pathways:	Cell adhesion molecules (CAMs), Leukocyte transendothelial migration

Product images:

