

Datasheet for ABIN5854444

VCAM1 Protein (AA 25-698) (His tag)



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1 Image

Overview

Quantity:	50 µg
Target:	VCAM1
Protein Characteristics:	AA 25-698
Origin:	Mouse
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This VCAM1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Activity Assay (AcA)

Product Details

Sequence:	FKIEISPEYK TIAQIGDSMA LTCSTTGCEs PLFSWRTQID SPLNAKVRTE GSKSVLTMEP VSFENEHSYL CTATCGSGKL ERSIHVDIYS FPKDPEIQFS GPLEVGKPVV VKCLAPDIYP VYRLEIDLK GDQLMNRQEF SSEEMTKSLE TKSLEVTFTP VIEDIGKALV CRAKLHIDQI DSTLKERETV KELQVYISPR NTTISVHPST RLQEGGAVTM TCSSEGLPAP EIFWGRKLDN EVLQLLSGNA TLTLIAMRME DSGVYVCEGV NLIGRDKAEV ELVVQEKPFV VDISPGSQVA AQVGDSVVLV CAAIGCDSPS FSWRTQTDSP LNGVVRNEGA KSTLVLSVSV FEDEHSYLCA VTCLQRTLEK RTQVEVYSFP EDPVIKMSGP LVHGRPVTVN CTVPNVYPFD HLEIELLKGE TTLMKKYFLE EMGIKSLETK ILETTFIPTI EDTGKSLVCL ARLHSGEMES EPKQRQSVQP LYVNVAPKET TIWVSPSPIL EEGSPVNLTC SSDGIPAPKI LWSRQLNNGE LQPLSENTTL TFMSTKRDDS GIYVCEGINE AGISRKSVEL IIQVSPKDIQ LTVFPSKSVK EGDTVIISCT CGNVPETWII LKKKAKTGDM VLKSVDGSYT IRQAQLQDAG IYECESKTEV GSQRLSLTLD
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Product Details

	VKGKEHNKNY FSPE
Purity:	> 95% by SDS-PAGE
Endotoxin Level:	< 1 EU per 1ug of protein (determined by LAL method)
Biological Activity Comment:	Measured by the ability of the immobilized protein to support the adhesion of U937 Human histiocytic lymphoma cells. When cells are added to VCAM1 coated plates 10ug/ml. This effect is more to 60%.

Target Details

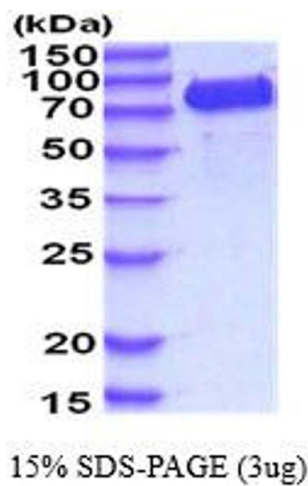
Target:	VCAM1
Alternative Name:	VCAM-1/CD106 (VCAM1 Products)
Background:	VCAM1, also known as vascular cell adhesion protein 1, is a receptor for encephalomyocarditis virus on murine vascular endothelial cells. It has been identified as a receptor for the D variant of encephalomyocarditis (EMC-D) virus on vascular endothelial cells from the heart. Recombinant mouse VCAM1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	75.4 kDa (682aa)
NCBI Accession:	NP_035823
Pathways:	Carbohydrate Homeostasis

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.



SDS-PAGE
Image 1.