

Datasheet for ABIN5854738

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:	Human
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:	FKIET TPESRYLAQI GDSVSLTCST TGCESPFFSW RTQIDSPLNG KVTNEGTTST LTMNPVSFGN EHSYLCTATC ESRKLEKGIQ VEIYSFPKDP EIHLSGPLEA GKPITVKCSV ADVYPFDRLE IDLLKGDHLM KSQEFLEDAD RKSLETKSLE VTFTPVIEDI GKVLVCRAKL HIDEMDSVPT VRQAVKELQV YISPKNTVIS VNPSTKLQEG GSVTMTCSSE GLPAPEIFWS KKLDNGNLQH LSGNATLTLI AMRMEDSGIY VCEGVNLIK NRKEVELIVQ EKPFTVEISP GPRIAAQIGD SVMLTCSVMG CESPFSFWRQ QIDSPLSGKV RSEGTNSTLT LSPVSFENEH SYLCTVTTCGH KKLEKGIQVE LYSFPRDPEI EMSGGLVNGS SVTVSCKVPS VYPLDRLEIE LLKGETILEN IEFLEDTDMK SLENKSLEMT FIPTIEDTGK ALVCQAKLHI DDMEFEPKQR QSTQTLVNVN APRDTTVLVS PSSILEEGSS VNMTCLSQGF PAPKILWSRQ LPNGELQPLS ENATLTLIST KMEDSGVYLC EGINQAGRSR KEVELIIQVT PKDIKLTAFP SESVKEGDTV IISCTCGNVP ETWIILKKKA ETGDTVLSKI DGAYTIRKAQ LKDAGVYECE SKNKVGSQRL SLTLDVQGRE
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Product Details

	NNKDYFSPE
Purity:	> 90% 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 70%.

Target Details

Target:	VCAM1
Alternative Name:	VCAM-1/CD106 (VCAM1 Products)
Background:	VCAM1, also known as vascular cell adhesion protein 1 isoform, a member of the immunoglobulin superfamily. It is a cell surface protein expressed by activated endothelial cells and certain leukocytes. VCAM1 expression is induced on endothelial cells during inflammatory bowel disease, atherosclerosis, allograft rejection and asthmatic responses. During the inflammatory adhesion mechanism, activated integrins that rolling leukocytes and attach them firmly to the vascular endothelium. Recombinant human VCAM1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	75.6 kDa (685aa)
NCBI Accession:	NP_001069
UniProt:	P19320
Pathways:	Carbohydrate Homeostasis

Application Details

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

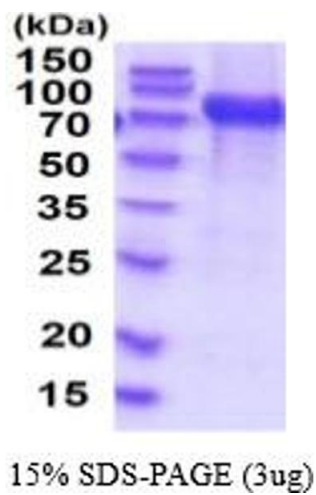
Handling

Format:	Liquid
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Handling

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.

Images



SDS-PAGE

Image 1.