

Recombinant Vascular Cell Adhesion Molecule 1 (VCAM1) Instruction Manual

SIPA237Ra02

Rattus norvegicus (Rat)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	76.5kDa
Accurate Molecular Mass	77kDa(Analysis of differences refer to the manual)
Residues & Tags	Ala20~Thr682 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	4.7
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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A VSQAFKIEIS PEYKTLAQIG DSMLLTCSTT
GCESPSFSWR TQIDSPLNGK VKTEGAKSVL TMDPVSFENE HSYLCTATCN
SGKLERGIQV DIYSFPKDPE IQFSGPLEVG KPVMVKCLAP DVYPIDRLEI
ELFKGDRLMK KQDFVDEMAK KSLETKSLEV IFTPVIEDIE KALVCRAKLY
IDQTD SIPKE RETVRELQVY TSPKNTEISV HPSTRLHEGA AVTMTCASEG
LPAPEIFWSK KLDNGVLQLL SGNATLTLIA MRMEDSGIYV CEGVNLVGRD
KTEVELIVQE KPFTVDISPG SQVAAQVGDS VVLTCAAVGC DSPSFSWRTQ
TDSPLNGEVR DEGATSTLTL SPVGVEDEHS YLCTVTCQRR KLEKTIQVEV
YSFPEDPEIE ISGPLVHGRP VTVNCTVPMV YFPDHLEIEL LKGETTLLNK
FLREEIGTKS LETKSLEMTF IPTAEDTGKA LVCLAKLHSS QMESEPKQRQ
STQTLVYNVA PKEPTI WVSP SPVPEEGSPV NLTCS SDGFP TPKILWSRQL
KNGELQPLSQ NTTLSFMATK MEDSGIYVCE GINEAGISKK SVELIIQGSS
KDIQLTVFPS KSVKEGDTVI ISCTCGSVPE IWIIILKKKAK TGMVLKSVN
GSYTIRKAQL QDAGVYECES KTEVGSQ LRS LT
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USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Image

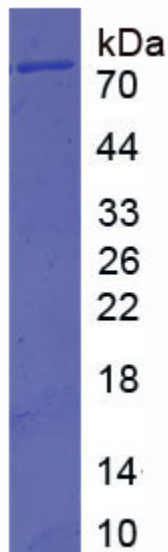


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.