

Product information

Vascular cell adhesion protein 1, 25-698aa

Mouse, His-tagged, Recombinant, Insect cell

Cat. No. IBATGP3246

NCBI Accession No.: NP_035823

Synonyms: CD106, Vcam-1, Vcam1

Description: 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.

Form: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Molecular Weight: 75.4kDa (682aa)

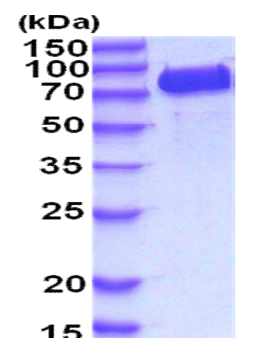
70-100kDa (SDS-PAGE under reducing conditions)

Predicted N terminal: Phe25

Purity: > 95% by SDS – PAGE.

Concentration: 0.5mg/ml (determined by Absorbance at 280nm)

Endotoxin Level: < 1.0 EU per 1µg of protein (determined by LAL method)



15% SDS-PAGE (3ug)

Sequences of amino acids:

FKIEISPEYK TIAQIGDSMA LTCSTTGCEP 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 ELVVQEKPF I VDISPGSQA
AQVGDSVLT CAAIGCDSPS FSWRTQTDSP LNGVVRNEGA KSTLVLSVG FEDEHSYLCA VTCLQRTLEK RTQVEVYSFP EDPVIKMSGP LVHGRPVTN
CTVNPVYFDF HLEIELLKGE TTLMKYFLE EMGKSLKLEK ILETTFIPTI EDTGKSLVCL ARLHSGEMES EPKQRQSVQP LYVNVAPKET TIWVSPSPIL
EEGSPVNLTC SSDGIPAPKI LWSRQLNNGE LQPLSENTTL TFMSTKRDDS GIYVCEGINE AGISRKSVEL IIQVSPKDIQ LTVFPSKSVK EGDTVIISCT
CGNVPETWII LKKKAKTGDM VLKSVDSYIT IRQAQLQDAG IYECESKTEV GSQRLSLTLD VKGKEHNKNY FSPELEHHHH HH

General references:

Huber SA., et al. (1994) *J Virol.* 68:3453-3458.

Preiss DJ., et al. (2007) *Int J Clin Pract.* 61(4): 697-701

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.

Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.