
Vascular cell adhesion protein 1, 25-698aa, Mouse, His tag, Insect cell

Cat.NO.: TP04456

3th Edition

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)

Sequences:

FKIEISPEYKTIAQIGDSMALTCSTTGCEsplfswrtQIDSPLNAKVRTEGSKSVLTMEPVsfenehsylctatCGSG
KLESIHVDIYSFPKDPEIQFSGPLEVGKPVTVKCLAPDIYPVYRLEIDLfkgdQLMNRQEFsSEEMTKSLETksLEVT
FTPVIEDIGKALVCRAKLHIDQIDSTLKERETVKELQVYISPRNTTISVHPSTRlQEGGAVTMTCsSEGLPAPEIFWGR
KLDNEVLQLLSGNATLTLIAMRMEDSGVYVCEGVNLIGRDKAELVvVQEKPFIVDISPGSQVAAQVGDSVVLtCAAI
GCDSPSfswrtQTDSPLNGVVRNEGAKSTLVlSSVGFEDeHSYLCAVTCLQRtLEKRTQVEVYSFPEDPVIKMSG
PLVHGRPVTVNCTVpNVYPFDHLEIEllKGETTLMKKYfLEEMGIKSLETkILETTfIPTIEDTGKSLVCLARLHSGEM
ESEPQRQSVQPLYVNVAPKETTIVWSPSPILEEGSPVNLtCSSDGIPAPKILWSRQLNNGELQPLSENTTLtFMST
KRDDSGIYVCEGINEAGISRKSVELIQVSPKDIQLTVFpSKSVKEGDTVIISCTCGNVPETWILKKKAKTGDMVLKSV
DGSYTIRQAQLQDAGIYECEskTEVGSQlRSLTLdVKGKEHNKNYfSPELEHHHHHHH

Purity:> 95% by HPLC

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

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

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.