

32-9019: Recombinant Mouse Vascular Cell Adhesion Molecule 1/VCAM-1/CD106 (C-Fc)(Discontinued)

Gene : Vcam1
Uniprot ID : P29533

Description

Source: Human Cells.
MW :101.4kD.

Recombinant Mouse Vascular Cell Adhesion Molecule 1 is produced by our Mammalian expression system and the target gene encoding Phe25-Glu698 is expressed with a Fc tag at the C-terminus. Vascular cell adhesion molecule 1 (VCAM-1) is a cell surface protein belonging to the immunoglobulin superfamily, the protein is expressed by activated endothelial cells and certain leukocytes (such as macrophages). IL-1 beta, IL-4, TNF-alpha and IFN-gamma induced the expression of VCAM-1. The human and mouse VCAM-1 proteins share approximately 76% amino acid similarity. Mouse VCAM-1 is Important in cell-cell recognition. it appears to function in leukocyte-endothelial cell adhesion, and interacts with integrin alpha-4/beta-1 (ITGA4/ITGB1) on leukocytes, and mediates both adhesion and signal transduction.

Product Info

Amount : 10 µg / 50 µg

Content : Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

Amino Acid : FKIEISPEYKTIAIQIGDSMALTCSTTGCESPFLSWRTQIDSPLNAKVRTEGSKSVLTMPEVSVFENEHSYLCTATCGSGKLESIHVDIYSFPKDPEIQFSGPLEVGKPVTVKCLAPDIYPVYRLEIDLFGDQLMNRQEFSSSEEMTKSLETKSLEVTFTPVIEDIGKALVCRAKLHIDQIDSTLKERETVKELQVYISPRNTTISVHPSTRLQEGGAVTMTCSSEGLPAPEIFWGRKLDNEVLQLLSGNATLTIAMRMEDSGVYVCEGVNLIGRDKAEVELVVQEKPFIVDISPGSQVAAQVGDVSVLTCAAIGCDSPFSWRTQTDSPNLGVVRNEGAKSTLVSSVGFEDHESYLCAVTCLQRTLEKRTQVEVYSFPEDPVIKMSGPLVHGRPVTVNCTVNVYFPDHLIEILLKGETTLMKKYFLEEMGIKSLETKILETTFIPTIEDTGKSLVCLARLHSGEMESEPKQRQSVQPLYVNVAPKETTIVVSPPILEEGSPVNLTCSSDGIPAPKILWSRQLNNGELQPLSENTTLTFMSTKRDDSGIYVCEGINEAGISRSVELIIQVSPKDIQLTVFPSKSVKEGDTVIISCTCGNVPETWILKKAKTGDMVLKSVDSYTIHQALQDAGIYECESKTEVGSQRLSLTDVKGKEHNKDYFSPEVDDIEGRMD EPKSCDKTHTCPPCPAPPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKT KPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHY TQKLSLSLSPGK

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.