9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

VCAM1 Mouse

Vascular cell adhesion molecule 1 Mouse Recombinant
RCP2549

Product Overview

Name	VCAM1 Mouse
Description	
Vascular cell adhesion molecule 1 Mouse Recombinant	
Accession (Primary)	P29533
Synonyms	
V-CAM 1, VCAM-1, CD106, Vcam1, Vcam-1, Vascular cell adhesion protein 1.	
Introduction	
VCAM1 is a member of the Ig superfamily. It is a cell surface sialoglycoprotein expressed by cytokine activated endothelium. VCAM-1 contains 6 or 7 immunoglobulin domains, and is expressed on both large and small vessels only after the endothelial cells are stimulated by cytokines. The protein has a number of functions including the regulation of leukocyte migration, leukocyte endothelial cell adhesion and signal transduction and may play a role in a number of inflammatory diseases (artherosclerosis and rheumatoid arthritis).	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
VCAM1 protein solution (0.5mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
FKIEISPEYK TIAQIGDSMA LTCSTTGCES PLFSWRTQID SPLNAKVRTE GSKSVLTMEP VSFENEHSYL CTATCGSGKL ERSIHVDIYS FPKDPEIQFS GPLEVGKPVT VKCLAPDIYP VYRLEIDLFK GDQLMNRQEF SSEEMTKSLE TKSLEVTFTP VIEDIGKALV CRAKLHIDQI DSTLKERETV KELQVYISPR NTTISVHPST RLQEGGAVTM TCSSEGLPAP EIFWGRKLDN EVLQLLSGNA TLTLIAMRME DSGVYVCEGV NLIGRDKAEV	

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

ELVVQEKPFI VDISPGSQVA AQVGDSVVLT CAAIGCDSPS FSWRTQTDSP LNGVVRNEGA KSTLVLSSVG FEDEHSYLCA VTCLQRTLEK RTQVEVYSFP EDPVIKMSGP LVHGRPVTVN CTVPNVYPFD HLEIELLKGE TTLMKKYFLE EMGIKSLETK ILETTFIPTI EDTGKSLVCL ARLHSGEMES EPKQRQSVQP LYVNVAPKET TIWVSPSPIL EEGSPVNLTC SSDGIPAPKI LWSRQLNNGE LQPLSENTTL TFMSTKRDDS GIYVCEGINE AGISRKSVEL IIQVSPKDIQ LTVFPSKSVK EGDTVIISCT CGNVPETWII LKKKAKTGDM VLKSVDGSYT IRQAQLQDAG IYECESKTEV GSQLRSLTLD VKGKEHNKNY FSPE LEHHHH HH .

Precautions

VCAM1 Mouse is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P29533)