

Mouse VCAM-1 Recombinant Protein, PeproTech®

Product Details	
Size	10 µg
Species	Mouse
Published Species	Mouse
Expression system	CHO cells
Amino acid sequence	FKIEISPEYK TIAQIGDSMA LTCSTTGCES 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 ELVVQEKPFV VDISPGSQVA AQVGDSVVLV CAAIGCDSPS FSWRTQTDSP LNGVVRNEGA KSTLVLSVVG FEDEHSYLCA VTCLQRTLEK RTQVEVYSFP EDPVIKMSGP LVHGRPVTVN CTVPNVYFPD 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
Molecular weight	74.4 kDa
Class	Recombinant
Type	Protein
Purity	98% by SDS-PAGE gel and HPLC analyses.
Endotoxin concentration	<1 EU/µg
Activity	Determined by its ability to support the adhesion of human U937 cells.
Conjugate	Unconjugated
Form	Lyophilized
Purification	purified
Contains	no preservative
Storage conditions	-20°C

Applications	Tested Dilution	Publications
Functional Assay (Functional)	Assay-dependent	-
In vitro Assay (IV)	-	2 Publications

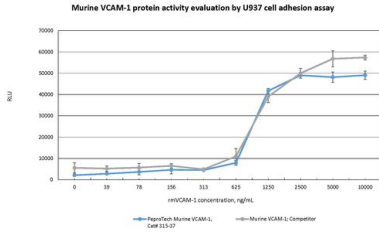
Product Specific Information

Recombinant Murine VCAM-1 is a 74.4 kDa glycoprotein comprising the extracellular domain (674 amino acid residues) of VCAM-1. Monomeric glycosylated VCAM-1 migrates at an apparent molecular weight of approximately 87-97 kDa by SDS-PAGE analysis under reducing conditions.

This product is shipped at ambient temperature. For storage, handling and reconstitution information, please see the lot-specific Certificate of Analysis

Product Images For Mouse VCAM-1 Recombinant Protein, PeproTech®

Mouse VCAM-1 Protein (315-37-10UG) in Functional Bioassay analysis of Mouse VCAM-1 Recombinant Protein, PeproTech® (Product # 315-37-1MG).



2 References

In vitro Assay (2)

Cell reports

Targeted delivery of regulatory macrophages to lymph nodes interferes with T cell priming by preventing the formation of stable immune synapses.

Authors: Yu K, Hammerschmidt SI, Permanyer M, Galla M, Rothe M, Zheng X, Werth K, Martens R, Lueder Y, Janssen A, Friedrichsen M, Bernhardt G, Förster R

Year
2021

Species
Mouse

Stem cells translational medicine

Mesenchymal Stromal Cells Modulate Monocytes Trafficking in Coxsackievirus B3-Induced Myocarditis.

Authors: Miteva K, Pappritz K, El-Shafeey M, Dong F, Ringe J, Tschöpe C, Van Linthout S

Year
2017

Species
Mouse

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