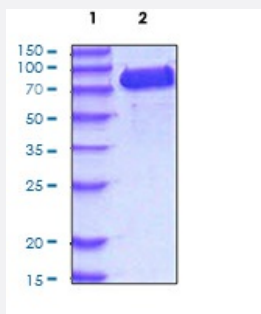


Bioactive

Vcam1 (Mouse) Recombinant Protein

Catalog # P7959 Size 250 ug

Applications



Specification

Product Description

Mouse Vcam1 (Q3UPN1, 25 a.a. - 698 a.a.) partial length recombinant protein with His tag expressed in Baculovirus expression system.

Sequence

FKIEISPEYKTIAQIGDSMALTCSTTGCESPLFSWRTQIDSPLNAKVRTEGSKSVLTMEPVSFENEH
SYLCTATCGSGKLESIHVDIYSFPKDPEIQFSGPLEVGKPVTVKCLAPDMPVYRLEIDLFKGDQL
MNRQEFSSSEEMTKSLETKSLEVTFPTVIEDIGKALVCRAKLHIDQIDSTLKERETVKELQVYISPRNT
TISVHPSTRLQEGGAVTMTCSSEGLPAPEIFWGRKLDNEVLQLLSGNATLTIAMRMEDSGVYVC
EGVNLIGRDKAELVQEKPFVNDISPGSQVAAQVGDSVVLTCAAIGCDSPFSWRTQTDSPLN
GVVRNEGAKSTLVSSVGFEDHSYLCVAVTCLQRTLEKRTQVEVYSFPEDPVKMSGPLVHGRP
VTVNCTVPNVYFPDHLIEILLKGETTLMKKYFLEEMGIKSLETKILETTFIPTIEDTGKSLVCLARLHS
GEMESEPKQRQSVQPLYVNVAPKETTIVWSPSPILEEGSPVNLTCSSDGIPAPKILWSRQLNNGE
LQPLSENTTLTFMSTKRDDSGMVCEGINEAGISRKSVELIIQVSPKDIQLTVFPSKSVKEGDTVISC
TCGNVPETWILKKKAKTGDMVLKSVDGSYTIRQAQLQDAGIYECESKTEVGSQLRSLTLDVKGKE
HNKNYFSPE~

Host

Viruses

Theoretical MW (kDa)

75.40000000000001

Form

Liquid

Preparation Method

Baculovirus expression system

Purity

> 95% by SDS-PAGE

Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)
Activity	Measured by the ability of the immobilized protein to support the adhesion of U937 Human histiocytic lymphoma cells. When cells are added to VCAM1 coated plates 10 ug/ml. This effect is more to 60% .
Quality Control Testing	3 ug by SDS-PAGE under reducing condition and visualized by Coomassie blue stain.
Storage Buffer	In Phosphate-Buffer Saline pH 7.4 (10% glycerol)
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — Vcam1

Entrez GeneID	22329
Protein Accession#	Q3UPN1
Gene Name	Vcam1
Gene Alias	CD106, Vcam-1
Gene Description	vascular cell adhesion molecule 1
Gene Ontology	Hyperlink
Other Designations	-