Product Name: Recombinant Human VCAM-1 (C-Fc)
Catalog #: PHH2442

Summary

Name	VCAM-1/CD106/L1CAM/Vascular Cell Adhesion Molecule 1
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Vascular cell adhesion protein 1 is produced by our Mammalian expression system and the target gene encoding Phe25-Glu698 is expressed with a human IgG1 Fc tag at the C-terminus.
Accession #	P19320
Host	Human cells
Species	Human
Predicted Molecular Mass	101.2 kDa
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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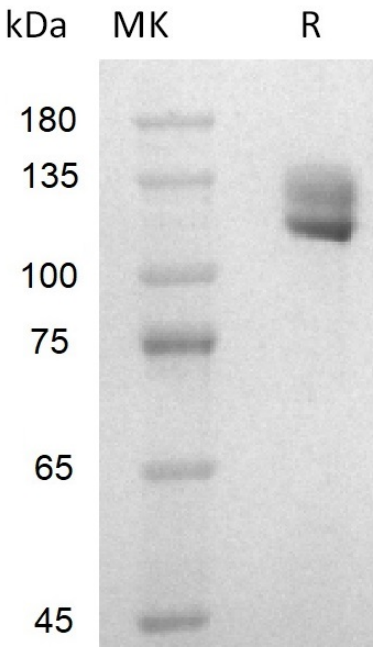

Alternative Names

Vascular Cell Adhesion Protein 1; V-CAM 1; VCAM-1; INCAM-100; CD106; VCAM1; L1CAM

Background

VCAM-1 is a single-pass type I membrane protein, contains 7 Ig-like C2-type domains. It is an endothelial ligand for very late antigen-4 (VLA-4) and α4?7 integrin expressed on leukocytes, and thus mediates leukocyte-endothelial cell adhesion and signal transduction. VCAM-1 expression is induced on endothelial cells during inflammatory bowel disease, atherosclerosis, allograft rejection, infection, and asthmatic responses. During these responses, VCAM-1 forms a scaffold for leukocyte migration. VCAM-1 also activates signals within endothelial cells resulting in the opening of an //

Note

For Research Use Only , Not for Diagnostic Use.