

Human VCAM-1/CD106 Protein

Cat. No. VAM-HM206



Description

Source	Recombinant Human VCAM-1/CD106 Protein is expressed from HEK293 with hFc tag at the C-terminus. It contains Phe25-Glu698.
Accession	NP_001069
Molecular Weight	The protein has a predicted MW of 100.17 kDa. Due to glycosylation, the protein migrates to 105-125 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE

Formulation and Storage

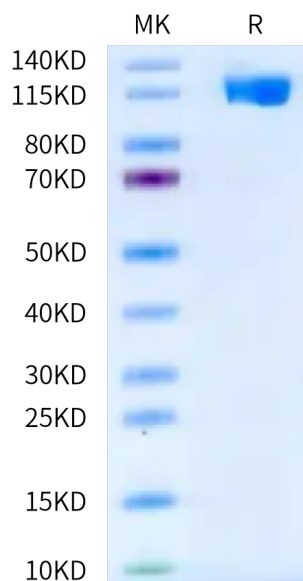
Formulation	Supplied as 0.22 µm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Tumor necrosis factor alpha (TNFα) is a pro-inflammatory cytokine that triggers the expression of inflammatory molecules, including other cytokines and cell adhesion molecules. TNFα induces the expression of intercellular cell adhesion molecule-1 and vascular cell adhesion molecule-1 (VCAM-1). VCAM-1 was originally identified as a cell adhesion molecule that helps regulate inflammation-associated vascular adhesion and the transendothelial migration of leukocytes, such as macrophages and T cells.

Assay Data

Bis-Tris PAGE



Human VCAM-1 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.