

Rev05
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DATASHEET

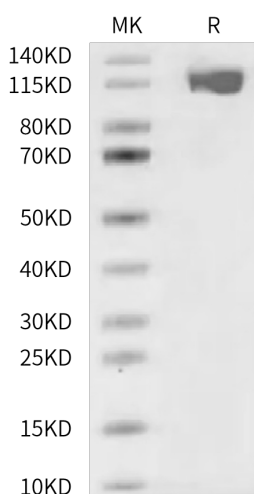
VCAM-1/CD106 hFc Chimera, Human

Cat. No.: Z05949

Product Introduction

Species	Human
Protein Construction	VCAM-1/CD106 (Phe25-Glu698)_x000D_ Accession # NP_001069 hFc N-term C-term
Purity	> 90% as determined by Bis-Tris PAGE
Endotoxin Level	Less than 1EU per µg by the LAL method.
Expression System	HEK293
Theoretical Molecular Weight	100.17 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 105-125 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage & Stability	Upon receiving, the product remains stable for 6 months at -20°C or below. Upon reconstitution, the product should be stable for 3 months at -80°C. Avoid repeated freeze-thaw cycles.

Examples



VCAM-1/CD106 hFc Chimera, Human on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

Background

Target Background : Tumor necrosis factor alpha (TNF α) is a pro-inflammatory cytokine that triggers the expression of inflammatory molecules, including other cytokines and cell adhesion molecules. TNF α 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.

Synonyms : V-CAM 1; VCAM-1; INCAM-100; CD106; DKFZp779G2333; MGC99561

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