

PRODUCT INFORMATION

CD106 **Target**

Synonyms VCAM1;INCAM-100

Recombinant human CD106 Protein with C-**Description**

terminal Human Fc tag

Delivery In Stock **Uniprot ID** P19320 **HEK293 Expression Host**

Tag C-Human Fc Tag

Molecular

Storage & Shipping

Purity

CD106(Phe25-Glu698) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of 100.4 kDa after removal of the signal peptide. The apparent molecular mass of CD106-hFc is **Molecular Weight** approximately 100-130 kDa due to glycosylation.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

This gene is a member of the Ig superfamily and encodes a cell surface sialoglycoprotein expressed by cytokine-activated endothelium. This type I membrane protein mediates leukocyte-endothelial cell adhesion and signal transduction, and may play a role in the development of artherosclerosclerosis and rheumatoid

Background

arthritis. Three alternatively spliced transcripts encoding different isoforms have been described for this gene. [provided by RefSeq, Dec 2010]

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Usage Research use only

Conjugate Unconjugated





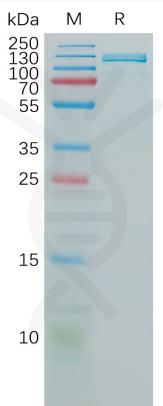


Figure 1. Human CD106 Protein, hFc Tag on SDS-PAGE under reducing condition.



