PRODUCT INFORMATION

Target	CD106
Synonyms	VCAM1;INCAM-100
Description	Recombinant human CD106 Protein with C-terminal Human Fc tag
Delivery	In Stock
Uniprot ID	P19320
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	CD106(Phe25-Glu698) hFc(Glu99-Ala330)
Molecular Weight	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 approximately 100-130 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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.
Background	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 artherosclerosis and rheumatoid arthritis. Three alternatively spliced transcripts encoding different isoforms have been described for this gene. [provided by RefSeq, Dec 2010]
Usage	Research use only
Conjugate	Unconjugated

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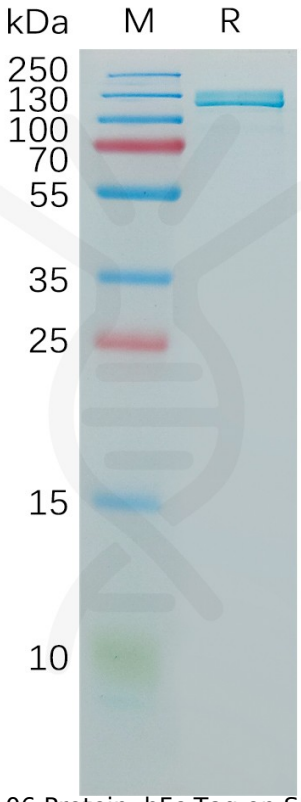


Figure 1. Human CD106 Protein, hFc Tag on SDS-PAGE under reducing condition.

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