## PRODUCT INFORMATION

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|---|---|
| **Target** | CD106 |
| **Synonyms** | VCAM1;V-CAM 1;VCAM-1;INCAM-100 |
| **Description** | Recombinant human CD106 protein with C-terminal 6×His tag |
| **Delivery** | In Stock |
| **Uniprot ID** | P19320 |
| **Expression Host** | HEK293 |
| **Tag** | C-6×His Tag |
| **Molecular Characterization** | CD106(Phe25-Glu698) 6×His tag |
| **Molecular Weight** | The protein has a predicted molecular mass of 75.1 kDa after removal of the signal peptide. The apparent molecular mass of CD106-His is approximately 100-130 kDa due to glycosylation. |
| **Purity** | The purity of the protein is greater than 85% 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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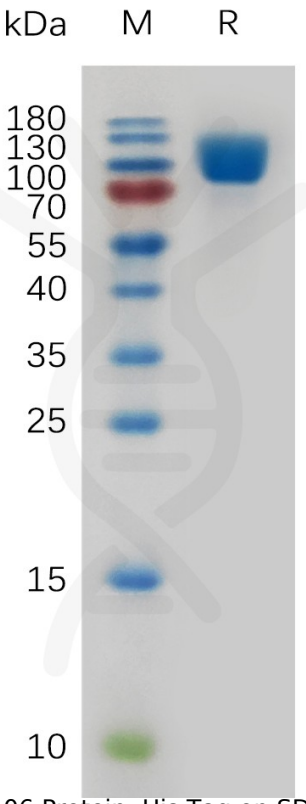



Figure 1. Human CD106 Protein, His Tag on SDS-PAGE under reducing condition.

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