

PRODUCT INFORMATION

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| Target | VSIG4 |
| Synonyms | CRlg;Z39IG |
| Description | Recombinant Human VSIG4 with C-terminal human Fc tag |
| Delivery | In Stock |
| Uniprot ID | Q9Y279 |
| Expression Host | HEK293 |
| Tag | C-Human Fc Tag |
| Molecular Characterization | VSIG4(Arg20-Pro283) hFc(Glu99-Ala330) |
| Molecular Weight | The protein has a predicted molecular mass of 55.3 kDa after removal of the signal peptide. The apparent molecular mass of VSIG4-hFc is approximately 55-70 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 encodes a v-set and immunoglobulin-domain containing protein that is structurally related to the B7 family of immune regulatory proteins. The encoded protein may be a negative regulator of T-cell responses. This protein is also a receptor for the complement component 3 fragments C3b and iC3b. Alternate splicing results in multiple transcript variants. [provided by RefSeq, May 2010] |
| Usage | Research use only |
| Conjugate | Unconjugated |



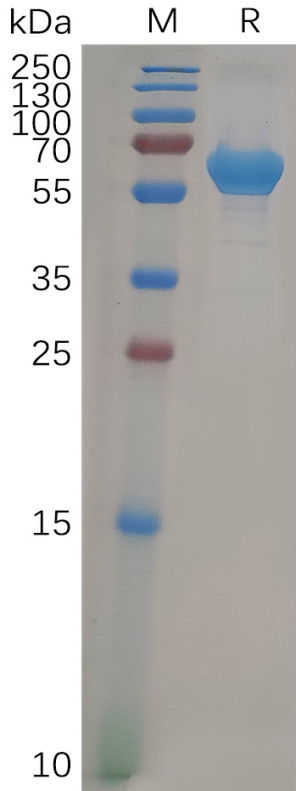


Figure 1. Human VSIG4 Protein, hFc Tag on SDS-PAGE under reducing condition.

Human VSIG4,hFc Tagged protein ELISA

0.2 μ g of Human VSIG4, hFc tagged protein per well

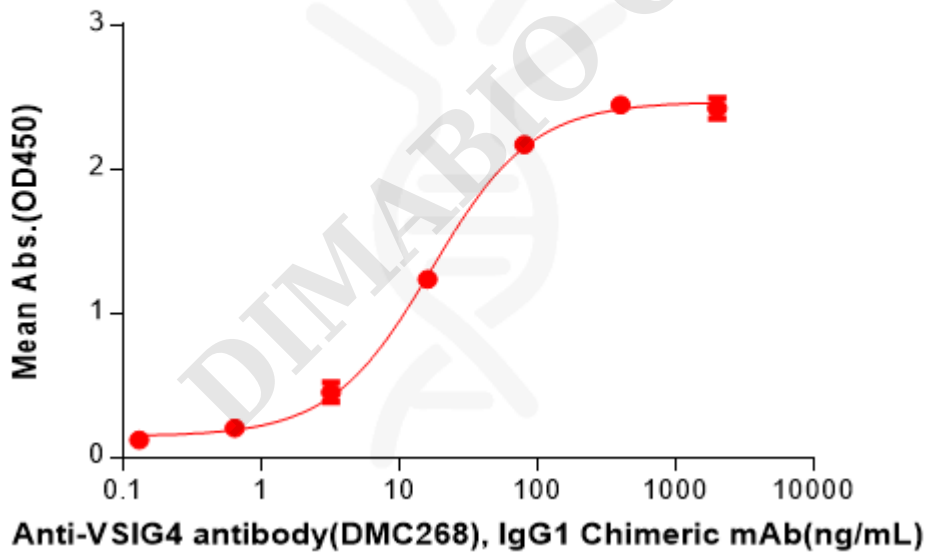


Figure 2. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Human VSIG4 Protein, hFc Tag(PME100855) can bind Anti-VSIG4 antibody(DMC268), IgG1 Chimeric mAb in a linear range of 3.20-80 ng/mL.

