PRODUCT INFORMATION

Target	VSIG4
Synonyms	CRIg;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.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
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

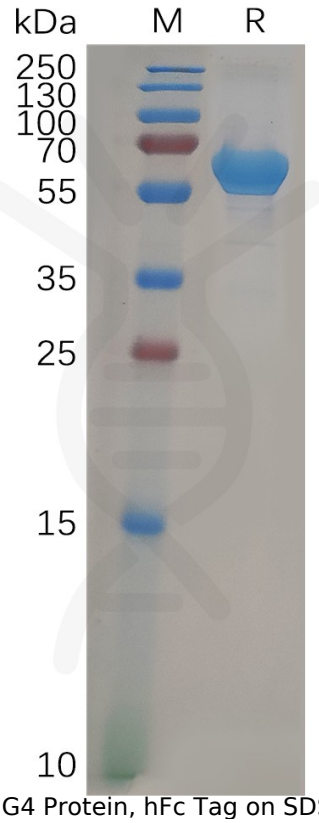

Figure 1. Human VSIG4 Protein, hFc Tag on SDS-PAGE under reducing condition.

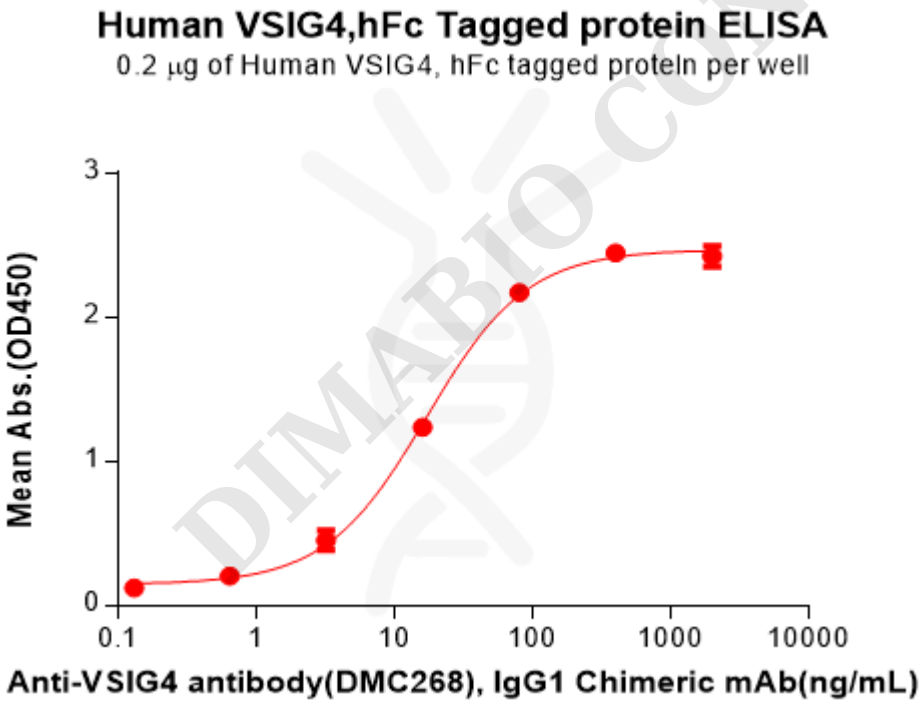

Figure 2. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human VSIG4 Protein, hFc Tag(PME100855) can bind Anti-VSIG4 antibody(DMC268), IgG1 Chimeric mAb in a linear range of 3.20–80 ng/mL.