PRODUCT INFORMATION

Target	TIGIT
Synonyms	VSIG9; VSTM3; WUCAM
Description	Recombinant Cynomolgus TIGIT protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	A0A7N9I9V4
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	TIGIT(Lys27-Pro209) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 46.6 kDa after removal of the signal peptide. The apparent molecular mass of cTIGIT-hFc is approximately 35-55 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.
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 member of the PVR (poliovirus receptor) family of immunoglobin proteins. The product of this gene is expressed on several classes of T cells including follicular B helper T cells (TFH). The protein has been shown to bind PVR with high affinity; this binding is thought to assist interactions between TFH and dendritic cells to regulate T cell dependent B cell responses.[provided by RefSeq, Sep 2009]
Usage	Research use only
Conjugate	Unconjugated

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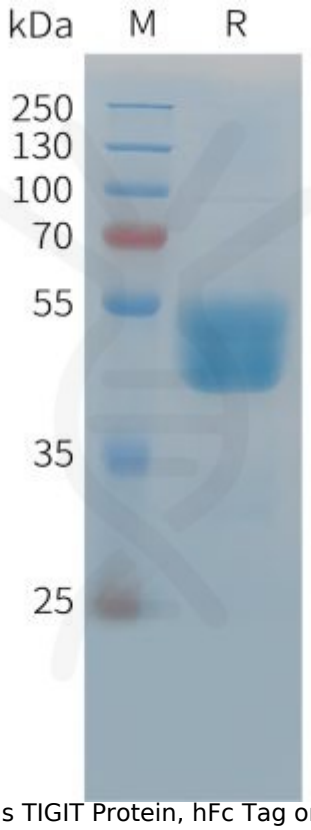


Figure 1. Cynomolgus TIGIT Protein, hFc Tag on SDS-PAGE under reducing condition.

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