

32-17071: Recombinant human TIGIT Protein with C-human Fc tag

Alternative Name : TIGIT, VSIG9, VSTM3

Description

Expression Host : HEK293

The protein has a predicted molecular mass of 39.13 kDa after removal of the signal peptide. The apparent molecular mass of TIGIT-hFc is approximately 40-53 kDa due to glycosylation.

This gene encodes a member of the PVR (poliovirus receptor) family of immunoglobulin 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.

Product Info

| | |
|----------------------------|---|
| Amount : | 50 µg |
| Purification : | The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining. |
| Content : | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization. |
| Storage condition : | Store at -80°C for 12 months (Avoid repeated freezing and thawing) |

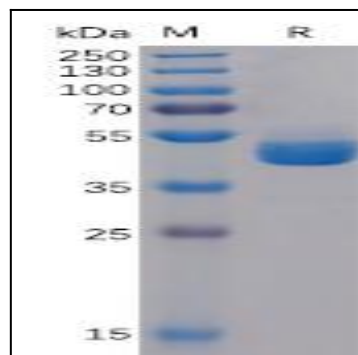


Figure 1. Human TIGIT Protein, hFc Tag on SDS-PAGE under reducing condition.

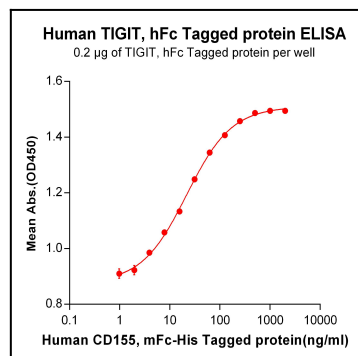


Figure 2. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human CD155, mFc-His tagged protein can bind Human TIGIT, hFc tagged protein in a linear range of 1.95-125 ng/ml.