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32-17110: Recombinant human TIGIT Protein with C-His tag

Alternative Name : TIGIT,VSIG9,VSTM3

Description

Expression Host : HEK293
The protein has a predicted molecular mass of 13.85 kDa after removal of the signal peptide.The apparent molecular mass of TIGIT-His is approximately 17-25 kDa due to glycosylation.
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.

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)

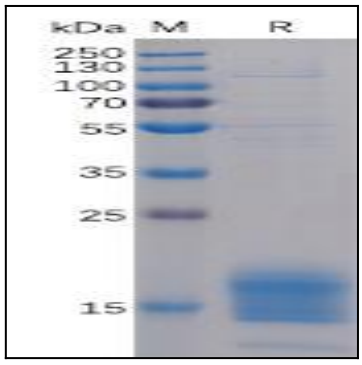


Figure 1. Human TIGIT Protein, His Tag on SDS-PAGE under reducing condition.

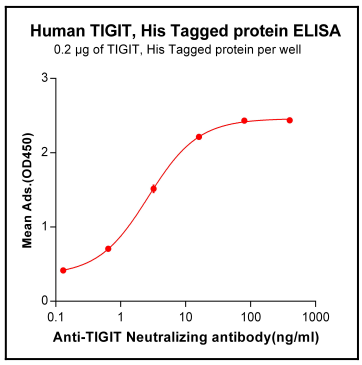


Figure 2. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human TIGIT, His tagged protein can bind Anti-TIGIT Neutralizing antibody in a linear range of 0.13-16.0 ng/ml.

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