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32-17109: Recombinant human TIGIT Protein with C-mouse Fc tag

Alternative Name: TIGIT, VSIG9, VSTM3

Description

Expression Host: HEK293

The protein has a predicted molecular mass of 39.24 kDa after removal of the signal peptide. The apparent molecular mass of TIGIT-mFc is approximately 40-53 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)

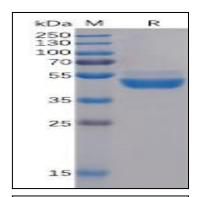


Figure 1. Human TIGIT Protein, mFc Tag on SDS-PAGE under reducing condition.

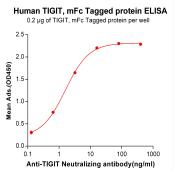


Figure 2. ELISA plate pre-coated by 2 μg/ml (100 μl/well) Human TIGIT, mFc tagged protein can bind Anti-TIGIT Neutralizing antibody in a linear range of 0.13-16.0 ng/ml.