

## Product datasheet for **TP723994**

### TIGIT Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Human TIGIT Protein, hFc Tag
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	TIGIT[Met22-Pro141]+hFc[Glu99-Ala330]
Tag:	C-Human Fc
Predicted MW:	39.13 kDa
Purity:	> 95%
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization
Reconstitution Method:	Reconstitute with deionized water
Preparation:	Affinity purification
Applications:	ELISA
Storage:	Store the lyophilized protein at -20°C. After reconstitution, store the protein at -80°C for 12 months. Avoid repeated freezing and thawing.
Stability:	12 months from date of despatch
Locus ID:	201633
UniProt ID:	<a href="#">Q495A1</a>
Summary:	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.



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Product images:

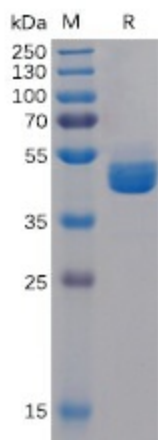


Figure 1. Human TIGIT Protein, hFc Tag on SDS-PAGE under reducing condition.

Human TIGIT, hFc Tagged protein ELISA

0.2 µg of TIGIT, hFc Tagged protein per well

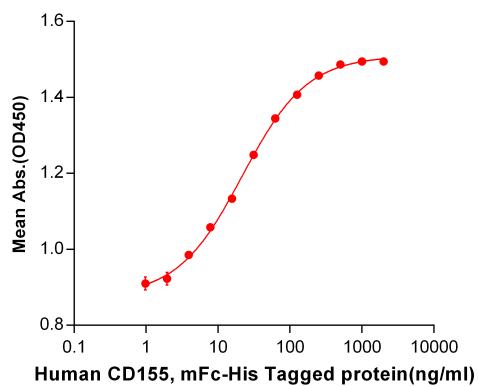


Figure 2. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human CD155, mFc-His tagged protein ([TP723950]) can bind Human TIGIT, hFc tagged protein (TP723994) in a linear range of 1.95-125 ng/ml.