

## Product datasheet for **TP724033**

### TIGIT Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Human TIGIT Protein, His Tag
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	TIGIT[Met22-Pro141]+6×His
Tag:	C-His
Predicted MW:	13.85 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:

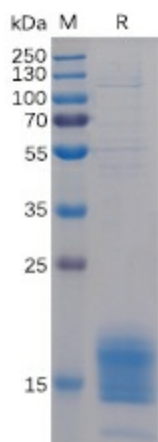


Figure 1. Human TIGIT Protein, His Tag on SDS-PAGE under reducing condition.

Human TIGIT, His Tagged protein ELISA

0.2 µg of TIGIT, His Tagged protein per well

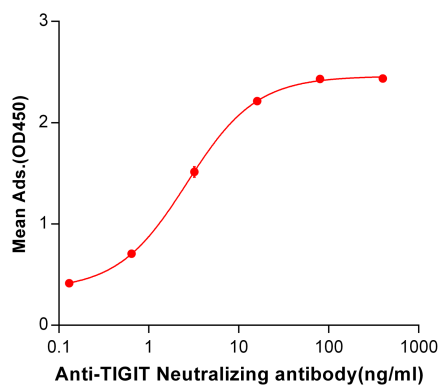


Figure 2. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human TIGIT, His tagged protein (TP724033) can bind Anti-TIGIT Neutralizing antibody BME100024 in a linear range of 0.13-16.0 ng/ml.