

Product datasheet for **TP321447M**

TIGIT (NM_173799) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human T cell immunoreceptor with Ig and ITIM domains (TIGIT), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC221447 protein sequence Red =Cloning site Green =Tags(s)

MRWCLLLIWAQGLRQAPLASGMMTGTIETGNISAEEKGGSILQCHLSSTTAQVTQVNWEQQDQLLAICN
ADLGWHISPSFKDRVAPGPGLGLTLQSLTVNDTGEYFCIYHTYPDGYTGRIFLEVLESSVAEHGARFQI
PLLGAMAATLVVICTAVIVVVALTRKKKALRIHSVEGDLRRKSAGQEEWSPSAPSPPGSCVQAEAAPAGL
CGEQRGEDCAELHDYFNVLSYRSLGNCSFFTETG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	26.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_776160</u>
Locus ID:	201633



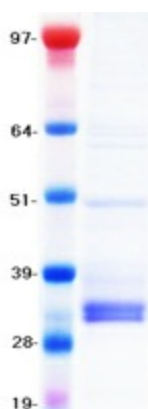
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UniProt ID: [Q495A1](#)
RefSeq Size: 2978
Cytogenetics: 3q13.31
RefSeq ORF: 732
Synonyms: VSIG9; VSTM3; WUCAM

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.[provided by RefSeq, Sep 2009]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified TIGIT protein (Cat# [TP321447]). The protein was produced from HEK293T cells transfected with TIGIT cDNA clone (Cat# [RC221447]) using MegaTran 2.0 (Cat# [TT210002]).