

Product datasheet for PH321447

TIGIT (NM_173799) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TIGIT MS Standard C13 and N15-labeled recombinant protein (NP_776160)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC221447
Predicted MW:	26.3 kDa
Protein Sequence:	>RC221447 protein sequence Red=Cloning site Green=Tags(s) MRWCLLLIWAQGLRQAPLASGMMTGTIETGNISAEKGGSIILQCHLSSTTAQVTQVNWEQQDQLLAICN ADLGWHISPSFKDRVAPGPGLGLTLQSLTVNDTGEYFCIYHTYDPGTYTGRIFLEVLESSVAEHGARFQI PLLGAMAATLVVICTAVIVVVALTRKKKALRIHSVEGLRRKSAGQEWSAPSPPGSCVQAEAAPAGL CGEQRGEDCAELHDYFNVLSYRSLGNCSFFTETG TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_776160
RefSeq Size:	2978
RefSeq ORF:	732
Synonyms:	VSIG9; VSTM3; WUCAM
Locus ID:	201633
UniProt ID:	Q495A1



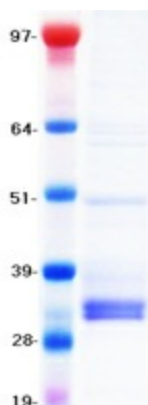
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Cytogenetics: 3q13.31

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]).