

Recombinant Full Length Human TIGIT Protein, C-Flag-tagged

Cat. No. TIGIT-235HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human TIGIT Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	26.1 kDa
AA Sequence	MRWCLLLIWAQGLRQAPLASGMMTGTIETTGNISAEGGSIILQCHLSSTTAQVTQV NWEQQDQLLAICN ADLGWHISPSFKDRVAPGPGGLGLTLQSLTVNDTGEYFCIYHTY PDGTYTGRIFLEVLESSVAEHGARFQI PLLGAMAATLVVICTAVIVVVALTRKKKALRI HSVEGDLRRKSAGQEEWSPSAPSPPGSCVQAEAAPAGLCGEQRGEDCAELHDYF NVLSYRSLGNCSFFTETG TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.

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Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Transmembrane
Full Length	Full L.

GENE INFORMATION

Gene Name	TIGIT T cell immunoreceptor with Ig and ITIM domains [Homo sapiens (human)]
Official Symbol	TIGIT
Synonyms	VSIG9; VSTM3; WUCAM
Gene ID	201633
mRNA Refseq	NM_173799.4
Protein Refseq	NP_776160.2
MIM	612859
UniProt ID	Q495A1

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Coomassie blue staining of purified TIGIT protein.