

Recombinant Human TIGIT Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TIGIT-3357H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TIGIT MS Standard C13 and N15-labeled recombinant protein (NP_776160) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	26.3 kDa
AA Sequence	MRWCLLLIWAQGLRQAPLASGMMTGTIETTGNISAEEKGGSIIQCHLSSTTAQVTQV NWEQQDQLLAICNADLGWHISPSFKDRVAPGPGGLGLTLQSLTVNDTGEYFCIYHTYP DGYTGRIFLEVLESSVAEHGARFQIPLLGAMAATLVVICTAVIVVVALTRKKKALRIH SVEGDLRRKSAGQEEWSPSAPSPPGSCVQAEAAPAGLCGEQRGEDCAELHDYFN VLSYRSLGNCSFFTETGTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name TIGIT T cell immunoreceptor with Ig and ITIM domains [Homo sapiens (human)]

Official Symbol TIGIT

Synonyms TIGIT; T cell immunoreceptor with Ig and ITIM domains; V set and immunoglobulin domain containing 9, V set and transmembrane domain containing 3, VSIG9, VSTM3; T-cell immunoreceptor with Ig and ITIM domains; DKFZp667A205; FLJ39873; V-set and transmembrane domain containing 3; V-set and immunoglobulin domain containing 9; Washington University cell adhesion molecule; V-set and transmembrane domain-containing protein 3; V-set and immunoglobulin domain-containing protein 9; VSIG9; VSTM3; WUCAM;

Gene ID 201633

mRNA Refseq NM_173799

Protein Refseq NP_776160

MIM 612859

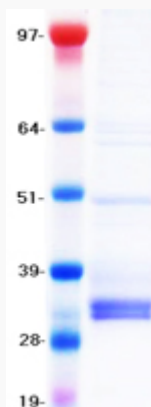
UniProt ID Q495A1

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SDS-PAGE



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