

Recombinant Human TIGIT Protein

Cat. No. TIGIT-163H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TIGIT was produced in E. coli.
Species	Human
Source	E.coli
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	Liquid. In 50 mM Tris-HCl pH7.5, 200 mM NaCl
Molecular Mass	(Theoretical molecular weight)~13kDa
AA sequence	HHHHHHSSGLVPRGSHMTGTIETTGNISAEGGSIILQCHLSSTTAQVTQVNWEQQ DQLLAICNADLGWHISPSFKDRVAPGPGLGLTLQSLTVNDTGEYFCIYHTYPDGTYT GRIFLEVLE
Purity	>90% as determined by SEC-HPLC
Storage	Short Term Storage at +4 centigrade, Long Term, please prepare aliquots with 20% glycerol and store at -20~-80 centigrade. Avoid freeze/thaw cycles.

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Concentration 2 mg/ml

GENE INFORMATION

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

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

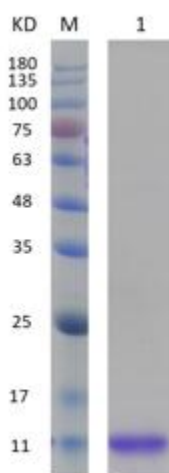
MIM 612859

UniProt ID Q495A1

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