

## Recombinant Human TIGIT Protein

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TIGIT was produced in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	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.
<b>Form</b>	Liquid. In 50 mM Tris-HCl pH7.5, 200 mM NaCl
<b>Molecular Mass</b>	(Theoretical molecular weight)~13kDa
<b>AA sequence</b>	HHHHHHSSGLVPRGSHMTGTIETTGNISAEEKGGSILQCHLSSTTAQVTQVNWEQQ DQLLAICNADLGWHISPSFKDRVAPGPGLGLTLQSLTVNDTGEYFCIYHTYPDGTYT GRIFLEVLE
<b>Purity</b>	>90% as determined by SEC-HPLC
<b>Storage</b>	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

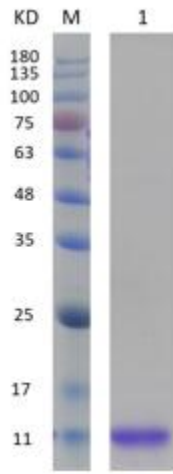
**MIM** 612859

**UniProt ID** Q495A1

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