

## Recombinant Human TIGIT Protein, DYKDDDDK-tagged

Cat. No. TIGIT-151H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human T-cell immunoreceptor with Ig and ITIM domains(TIGIT)(NM_173799) protein, with a DYKDDDDK tag, was expressed in human cells.
<b>Species</b>	Human
<b>Source</b>	Human Cells
<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>	Purified protein formulated in a sterile solution of TBS buffer, pH7.333, without any preservatives.
<b>Molecular Mass</b>	16 kDa
<b>Endotoxin</b>	Endotoxin level is < 0.1 ng/g of protein (<1EU /g)
<b>Purity</b>	>90% by SDS-PAGE gel and Coomassie Blue staining
<b>Applications</b>	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies.

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## GENE INFORMATION

<b>Gene Name</b>	TIGIT T cell immunoreceptor with Ig and ITIM domains [ Homo sapiens ]
<b>Official Symbol</b>	TIGIT
<b>Synonyms</b>	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;
<b>Gene ID</b>	201633
<b>mRNA Refseq</b>	NM_173799
<b>Protein Refseq</b>	NP_776160
<b>MIM</b>	612859
<b>UniProt ID</b>	Q495A1

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