

## Recombinant Human TIGIT protein, T7/His-tagged

**Cat. No.** TIGIT-135H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TIGIT(22 - 141aa) fused with T7-His Tag (29aa) at N-terminal was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	22-141 a.a.
<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>	In 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
<b>AA Sequence</b>	MASMTGGQQMGRGRHHHHHHGNLYFQGGEFMMTGTIETTGNISAEKGGSIILQCHL SSTTAQVTQVNWEQQDQLLAICNADLGWHISPSFKDRVAPGPGLGLTLQSLTVNDT GEYFCIYHTYPDGTYTGRIFLEVLESSVAEHGARFQIP
<b>Purity</b>	> 90% by SDS-PAGE
<b>Storage</b>	In Liquid. Keep at -80 centigrade for long term storage. Product is stable at 4

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

centigrade for at least 30 days.

**Concentration** 1.0 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](#)

**Chromosome Location** 3q13.31

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**Function**

protein binding;

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