

Recombinant Human TIGIT protein, T7/His-tagged

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

SPECIFICATION

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

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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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