

## Active Recombinant Human TIGIT protein, His-tagged

Cat. No. TIGIT-2617H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TIGIT Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Met22-Pro141) of human TIGIT (Accession #NP_776160.2) fused with a 6xHis tag at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met22-Pro141
<b>Form</b>	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA. Immobilized Human TIGIT at 1.5 µg/mL (100 µL/well) can bind Human CD155 with a linear range of 0.15-1.2 µg/mL.
<b>Molecular Mass</b>	18-22 kDa
<b>Endotoxin</b>	< 0.1 EU/µg of the protein by LAL method.
<b>Purity</b>	> 97% by SDS-PAGE.
<b>Storage</b>	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.

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**Reconstitution** Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

## 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

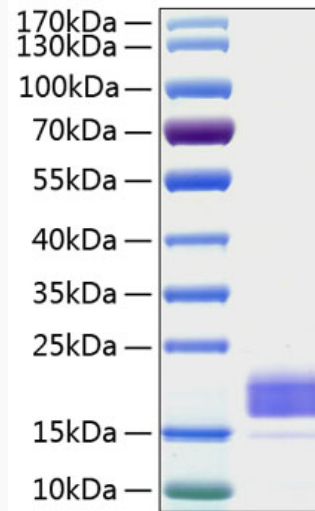
**UniProt ID** Q495A1

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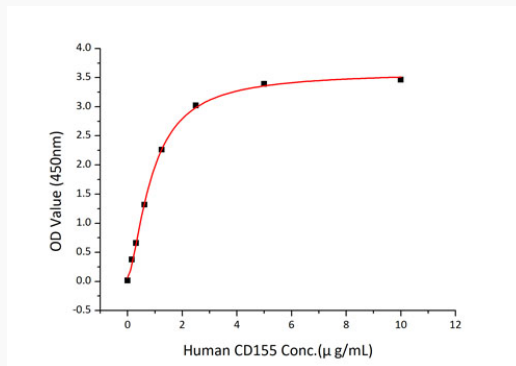
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**SDS-PAGE**



**Bio-activity**



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