

Active Recombinant Human TIGIT protein, His-tagged

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

SPECIFICATION

Product Overview	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 6×His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met22-Pro141
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	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.
Molecular Mass	18-22 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	> 97% by SDS-PAGE.
Storage	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](#)

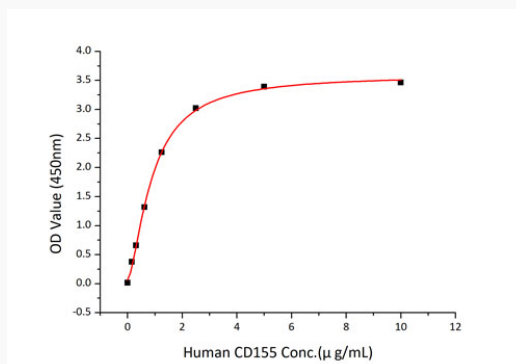
UniProt ID [Q495A1](#)

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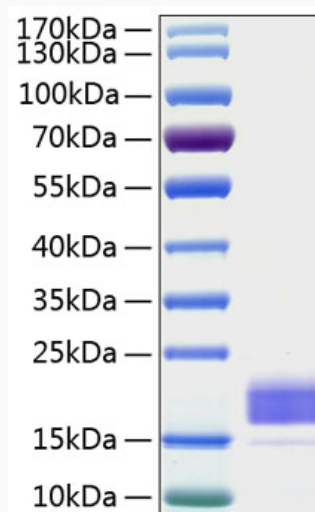
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Bio-activity



SDS-PAGE



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