

Active Recombinant Human TIGIT protein, hFc-tagged, Low Endotoxin

Cat. No. TIGIT-107H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TIGIT protein(Q495A1-1)(22-141 aa), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	22-141 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human TIGIT, hFc Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Human CD155, mFc Tag with the EC50 of 10.6ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 39.8 kDa. Due to glycosylation, the protein migrates to 48-50 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in 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

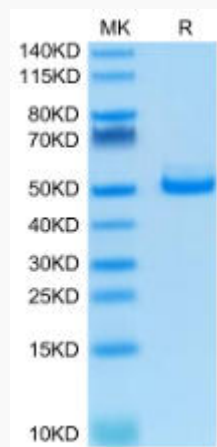
UniProt ID Q495A1

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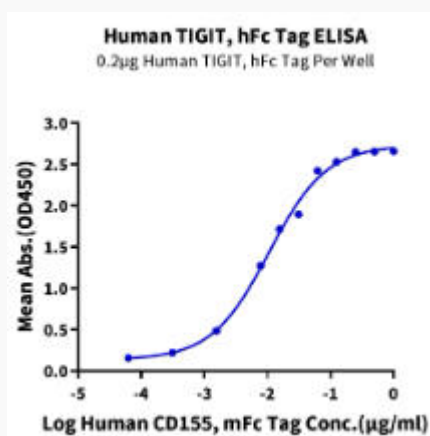
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Bis-Tris PAGE



ELISA Data



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