

Recombinant Human TIGIT protein, His-Avi-tagged, Biotinylated

Cat. No. TIGIT-360H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human TIGIT protein(Q495A1)(Met22-Pro141), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met22-Pro141
Tag	C-His-Avi
Conjugation/Label	Biotin
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Biotinylated Human TIGIT, His-Avi Tag at 0.5ug/ml (100ul/well) on the streptavidin precoated plate (5ug/ml). Dose response curve for Human CD155, hFc Tag with the EC50 of 11.7ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 16.1 kDa. Due to glycosylation, the protein migrates to 20-25 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.

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Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Conjugation	Biotin

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

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UniProt ID

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