

Active Recombinant Human TIGIT protein(Met1-Pro141), hFc-tagged

Cat. No. TIGIT-454H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TIGIT protein(NP_776160.2)(Met1-Pro141), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Pro141
similar	TIGIT
Alias	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;
Conjugate	C-hFc
Form	Lyophilized from sterile Sterile PBS. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.

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Bioactivity	Immobilized human CD155-Fc at 2 µg/mL (100 µL/well) can bind TIGIT hFc, Biotinylated, the EC50 of TIGIT-hFc, Biotinylated is 10-60 ng/mL.
MolecularMass	The recombinant TIGIT consists of 353 amino acids and predicts a molecular mass of 39.2 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
GeneName	TIGIT T cell immunoreceptor with Ig and ITIM domains [Homo sapiens]
GeneNameWeblink	201633
OfficialSymbol	TIGIT
OfficialSymbolWeblink	201633
GenelD	201633
GenelDWeblink	201633
mRNARefseq	NM_173799

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mRNARefseqWeblink	NM_173799.3
ProteinRefseqWeblink	NP_776160.2
MIMWeblink	612859
UniProtID	Q495A1
UniProtIDWeblink	Q495A1

GENE INFORMATION

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;
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