

Active GMP Recombinant Human TIGIT protein, Fc-tagged

Cat. No. TIGIT-434HG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human TIGIT protein(NP_776160.2)(351 aa), fused with Fc Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	Human
Source	HEK293
ProteinLength	DNA sequence encoding Human TIGIT(NCBI Reference Sequence: NP_776160.2) was expressed with Fc tag at the C-terminal.
Form	Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.
Bio-activity	The concentration of immobilized Human CD155(His tag) is 10ug/mL(100uL/well), and the linear binding range that can bind to TIGIT (Fc tag) is 15-500 ng/mL.
Molecular Mass	Recombinant Human TIGIT protein contains 351 aa. It has a predicted MW of 40 kDa.
Endotoxin	<0.1EU/ug
Purity	>=95% by SDS-PAGE and HPLC
Storage	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing

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**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.

GENE INFORMATION

Gene Name	TIGIT T cell immunoreceptor with Ig and ITIM domains [Homo sapiens]
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Official Symbol	TIGIT
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Synonyms	VSIG9; VSTM3
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Gene ID	201633
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mRNA Refseq	NM_173799
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Protein Refseq	NP_776160
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MIM	612859
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UniProt ID	Q495A1
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