

Active Recombinant Mouse TIGIT protein, His-tagged

Cat. No. TIGIT-0803M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse TIGIT protein(Gly26-Thr143), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	26-143 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Mouse TIGIT, His Tag at 5 µg/mL (100 µL/well) can bind Mouse CD155, Mouse IgG2a Fc Tag with a linear range of 20-625 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 14.8 kDa. The protein migrates as 18-30 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Gly26-Thr143
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.>90% as determined by SEC-MALS.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. 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.
GENE INFORMATION	
Gene Name	Tigit T cell immunoreceptor with Ig and ITIM domains [Mus musculus]
Official Symbol	TIGIT
Synonyms	TIGIT; T cell immunoreceptor with Ig and ITIM domains; T-cell immunoreceptor with Ig and ITIM domains; V-set and transmembrane domain containing 3; V-set and transmembrane domain-containing protein 3; Vstm3; ENSMUSG00000071552;
Gene ID	100043314
mRNA Refseq	NM_001146325
Protein Refseq	NP_001139797