

Active Recombinant Mouse TIGIT protein(Met1-Gly141), mFc-tagged

Cat. No. TIGIT-1297M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse TIGIT (NP_001139797.1) (Met1-Gly141) was expressed in HEK293 with the Fc region of Mouse IgG2a at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Gly141
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Immobilized Mouse CD155/PVR Protein, Recombinant (His Tag) at 2µg/mL (100µL/well) can bind TIGIT Protein, Mouse, Recombinant (mFc Tag), the EC50 of TIGIT Protein, Mouse, Recombinant (mFc Tag) is 10-50 ng/mL.
Molecular Mass	The recombinant Mouse TIGIT consists of 358 amino acids and predicts a molecular mass of 39.93 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.

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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.

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

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