

Active Recombinant Mouse Tigit protein, His-tagged

Cat. No. Tigit-109M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tigit(Met 1-Gly 141) fused with His tag at C-terminal was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met 1-Gly 141
Form	Lyophilized from sterile PBS, pH 7.4
Bio-activity	Immobilized mouse TIGIT-His at 10 µg/ml (100 µl/well) can bind mouse PVR-Fch, The EC50 of mouse PVR-Fch is 0.31-0.73 µg/ml.
Molecular Mass	The secreted recombinant mouse TIGIT comprises 127 amino acids and has a calculated molecular mass of 14.2 kDa. As a result of glycosylation, the apparent molecular mass of rmSIRPA is approximately 20-25 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE. > 90 % as determined by SEC-HPLC.
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

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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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