

Active Recombinant Mouse TIGIT protein, His-tagged

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

SPECIFICATION

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|-------------------------|--|
| 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 multiple 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

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