Recombinant Mouse TIGIT protein, hFc-tagged

Cat. No. TIGIT-0804M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse TIGIT protein(NP_001139797.1)(Gly26-Thr143), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Gly26-Thr143
Tag	C-hFc
Form	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Mouse CD155, His Tag at 5ug/ml (100ul/Well) on the plate. Dose response curve for Mouse TIGIT, hFc Tag with the EC50 of 56.5ng/ml determined by ELISA
Molecular Mass	The protein has a predicted MW of 39.7 kDa. Due to glycosylation, the protein migrates to 48-57 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC

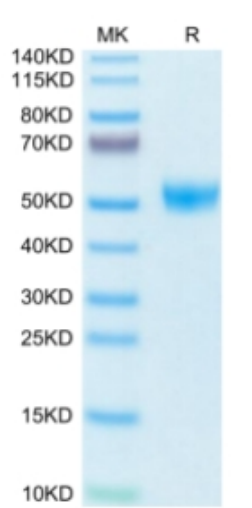
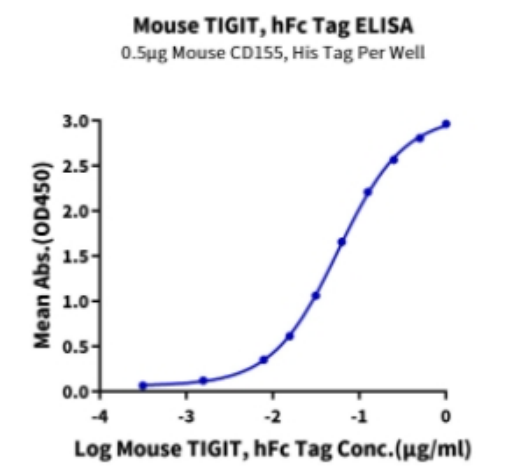
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Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.

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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Tris-Bis PAGE	
ELISA Data	

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