

Recombinant Mouse Tigit protein, His-tagged

Cat. No. Tigit-6821M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tigit protein(NP_001139797.1)(Gly26-Thr143), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Gly26-Thr143
Tag	C-His
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Mouse CD155, His Tag immobilized on CM5 Chip can bind Mouse TIGIT, His Tag with an affinity constant of 4.00 µM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 14 kDa. Due to glycosylation, the protein migrates to 25-30 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
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual

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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

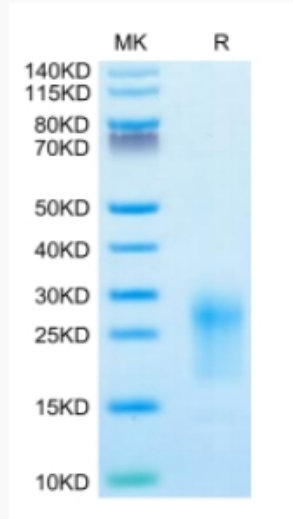
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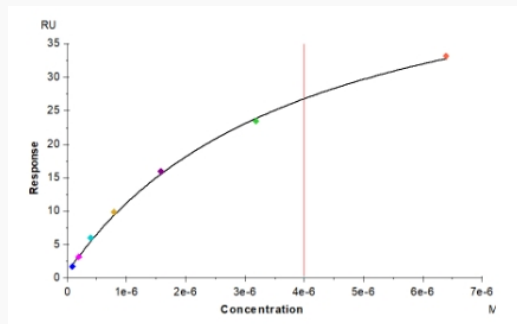
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Tris-Bis PAGE



SPR Data



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