

Recombinant Mouse Tigit protein, His & T7-tagged

Cat. No. Tigit-1440M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tigit aa. (Gly28~Ser246 (Accession # P86176)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Gly28~Ser246
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.7kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at

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-80°C for 12 months.

Storage buffer Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.

Reconstitution Reconstitute in sterile PBS, pH7.2-pH7.4.

Isoelectric Point 5.5

GENE INFORMATION

Gene Name [Tigit T cell immunoreceptor with Ig and ITIM domains \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Tigit](#)

Synonyms Tigit; T cell immunoreceptor with Ig and ITIM domains; Vstm3; T-cell immunoreceptor with Ig and ITIM domains; V-set and transmembrane domain containing 3; V-set and transmembrane domain-containing protein 3; tigit

Gene ID [100043314](#)

mRNA Refseq [NM_001146325.1](#)

Protein Refseq [NP_001139797.1](#)

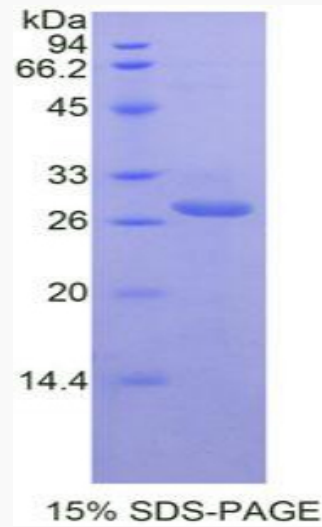
UniProt ID [P86176](#)

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SDS-PAGE



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