

# Recombinant Mouse Tigit Protein, Fc-tagged, Alexa Fluor 647 conjugated

**Cat. No.** Tigit-7407MAF647    **Lot. No.** (See product label)

## SPECIFICATION

**Product Overview**      Alexa Fluor 647 conjugated recombinant Mouse Tigit (PP86176) (Met1-Gly141), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cell.

**Species**      Mouse

**Source**      HEK293

**ProteinLength**      357

**Form**      Lyophilized

**Molecular Mass**      The recombinant mouse TIGIT /Fc is a disulfide-linked homodimer. The reduced monomer comprises 357 amino acids and has a predicted molecular mass of 39.8 kDa. The apparent molecular mass of the protein is approximately 52 kDa in SDS-PAGE under reducing conditions due to glycosylation.

**Endotoxin**      < 1.0 EU/ µg of the protein as determined by the LAL method.

**Characteristic**      Disulfide-linked homodimer  
Labeled with Alexa Fluor 647 via amines  
Excitation = 650 nm  
Emission = 668 nm

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<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
<b>Storage</b>	Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
<b>Conjugation</b>	Alexa Fluor 647

## GENE INFORMATION

<b>Gene Name</b>	Tigit T cell immunoreceptor with Ig and ITIM domains [ Mus musculus ]
<b>Official Symbol</b>	Tigit
<b>Gene ID</b>	100043314
<b>mRNA Refseq</b>	NM_001146325
<b>Protein Refseq</b>	NP_001139797

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