

Recombinant Mouse Tigit Protein, His-tagged, Alexa Fluor 555 conjugated

Cat. No. Tigit-2348MAF555 Lot. No. (See product label)

SPECIFICATION

Product Overview Alexa Fluor 555 conjugated recombinant Mouse Tigit (NP_001139797.1) extracellular domain (Met 1-Gly 141), fused with a C-terminal polyhistidine tag, was produced in Human Cell.

Species Mouse

Source HEK293

ProteinLength 127

Form Lyophilized

Molecular Mass The secreted recombinant mouse TIGIT comprises 127 amino acids and has a calculated molecular mass of 14.2 kDa. As a result of glycosylation, the apparent molecular mass of rmSIRPA is approximately 20-25 kDa in SDS-PAGE under reducing conditions.

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

Characteristic Disulfide-linked homodimer
Labeled with Alexa Fluor 555 via amines
With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters.

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Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
Storage	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.
Storage Buffer	Lyophilized from sterile PBS, pH 7.4
Reconstitution	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.
Conjugation	Alexa Fluor 555
GENE INFORMATION	
Gene Name	Tigit T cell immunoreceptor with Ig and ITIM domains [<i>Mus musculus</i>]
Official Symbol	Tigit
Gene ID	100043314
mRNA Refseq	NM_001146325
Protein Refseq	NP_001139797

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