

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

Cat. No. Tigit-7407MAF555 Lot. No. (See product label)

SPECIFICATION

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|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Alexa Fluor 555 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 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 a 0.2 µm filtered solution of 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

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

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