

## Recombinant Mouse Tigit, Fc tagged

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

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Tigit (PP86176) (Met1-Gly141 ), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cell.                                                                                                                                                       |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | Human Cells                                                                                                                                                                                                                                                                                   |
| <b>Form</b>             | Lyophilized from a 0.2µm filtered solution of PBS, pH 7.4                                                                                                                                                                                                                                     |
| <b>Molecular Mass</b>   | 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. |
| <b>Endotoxin</b>        | < 1.0 eu per µg of the protein as determined by the LAL method.                                                                                                                                                                                                                               |
| <b>Stability</b>        | Samples are stable for up to twelve months from date of receipt at -70oC.                                                                                                                                                                                                                     |
| <b>Storage</b>          | Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.                                                                                                                                     |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                                                                                              |

### GENE INFORMATION

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 45-1 Ramsey Road, Shirley, NY 11967, USA

|                 |                                                                       |
|-----------------|-----------------------------------------------------------------------|
| 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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