

Mouse TIGIT/VSTM3 (Fc Tag) recombinant protein



Catalog Number: 504693

General Information

Protein Construction

A DNA sequence encoding the mouse TIGIT (PP86176) (Met1-Gly141) was expressed, fused with the Fc region of human IgG1 at the C-terminus.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Activity

Immobilized mouse PVR-His (Cat:501106) at 10 µg/ml (100 µl/well) can bind mouse TIGIT-Fc, The EC₅₀ of mouse TIGIT-Fc is 0.25-0.55 µg/ml.

Purity

> 90 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per µg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Gly 26

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.

Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

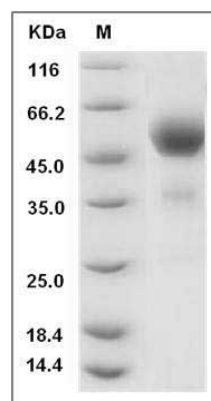
Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Mouse TIGIT / VSTM3 Protein (Fc Tag) SDS-PAGE