

Human TIGIT/VSTM3 (His Tag) recombinant protein



Catalog Number: 500999

General Information

Gene Name Synonym

V-set and immunoglobulin domain-containing protein 9; V-set and transmembrane domain-containing protein 3

Protein Construction

A DNA sequence encoding the extracellular domain of human TIGIT (NP_776160.2) (Met 1-Phe 138) with a C-terminal polyhistidine tag was expressed.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

1. Measured by its ability to bind with human CD155-Fc (Cat:504524) in a functional ELISA.
2. Measured by its ability to bind with mouse PVR-Fch (Cat:504218) in a functional ELISA.

Purity

> 85 % 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

Met 22

Molecular Mass

The secreted recombinant human TIGIT comprises 128 amino acids with a predicted molecular mass of 14.2 kDa.

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

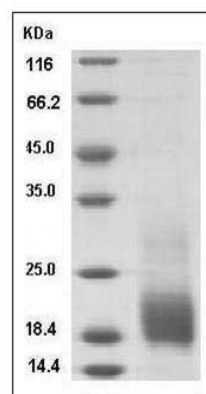
Storage

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



Human TIGIT / VSTM3 Protein (His Tag) SDS-PAGE