

Recombinant Mouse GITR Ligand/TNFSF18 Protein

Catalog No.: RP01824

Sequence Information

Species **Gene ID**
Mouse 240873

Swiss Prot **Tags**
Q7TS55 N-hFc

Synonyms

Gitrl; Tnlg2a; GITR Ligand; TNFSF18

Product Information

Source **Purification**
HEK293 cells ≥ 95 % as
 determined by
 SDS-PAGE.

Calculated MW **Observed MW**
40.44 kDa 45–60 kDa

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1–0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for receptor TNFRSF18/AITR/GITR. It has been shown to modulate T lymphocyte survival in peripheral tissues. This cytokine is also found to be expressed in endothelial cells, and is thought to be important for interaction between T lymphocytes and endothelial cells.

Basic Information

Description

Recombinant Mouse GITR Ligand/TNFSF18 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Thr47–Ser173) of mouse GITR Ligand/TNFSF18 (Accession #NP_899247.3) fused with a hFc tag at the N-terminus.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at –20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

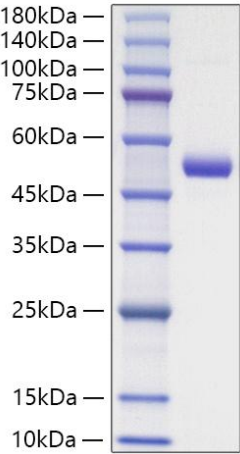
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Validation Data



Recombinant Mouse GITR Ligand/TNFSF18 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.