

Recombinant Mouse TNFRSF18/GITR/CD357 Protein

Catalog No.: RP02184

Sequence Information

Species **Gene ID**
Mouse 21936

Swiss Prot **Tags**
O35714 C-Fc&His

Synonyms
AITR, Gitr, Tnfrsf18

Product Information

Source **Purification**
HEK293 cells ≥ 90 % as
 determined by
 SDS-PAGE.

Calculated MW **Observed MW**
42.3 kDa 60 kDa

Endotoxin
< 1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution
Centrifuge the tube 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

Tumor necrosis factor receptor superfamily member 18 (Gitr) contains 3 TNFR-Cys repeats and it has four isoforms. Isoform A, isoform B and isoform C are single-pass type I membrane proteins and isoform D is a secreted protein. The protein is the receptor for TNFSF18. It seems to be involved in interactions between activated T-lymphocytes and endothelial cells and in the regulation of T-cell receptor-mediated cell death. It mediates NF-κB activation via the TRAF2/NIK pathway. It binds to TRAF1, TRAF2, and TRAF3, but not TRAF5 and TRAF6 and binds through its C-terminus to SIVA1/SIVA. It is preferentially expressed in activated T lymphocytes and up-regulated in peripheral mononuclear cells after antigen stimulation/lymphocyte activation.

Basic Information

Description

Recombinant Mouse TNFRSF18/GITR/CD357 Protein is produced by Mammalian expression system. The target protein is expressed with sequence (Ser22-His153) of mouse GITR (Accession #O35714) fused with an Fc, 6xHis tag at the C-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.

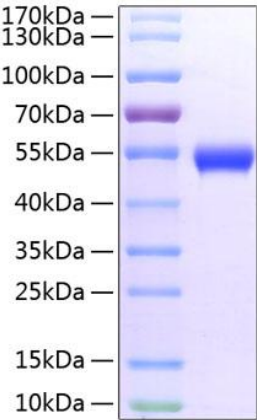
Contact

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Validation Data



Recombinant Mouse TNFRSF18/GITR/CD357 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.