

# Recombinant Mouse TNFRSF18/GITR/CD357 Protein

Catalog No.: RP02184 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Mouse	21936	O35714

### Tags

C-Fc&amp;His

### Synonyms

AITR; Gitr; Tnfrsf18

## Product Information

Source	Purification
HEK293 cells	> 90% by SDS-PAGE.

Calculated MW	Observed MW
42.3 kDa	60 kDa

### Endotoxin

&lt; 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.

## Contact

 | 400-999-6126 | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn) | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Background

Tumor necrosis factor receptor superfamily member 18 (Gitr) contains 3 TNFR-Cys repeats and it has four isoforms. Isoform A, B and 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.

### Bio-Activity

### Storage

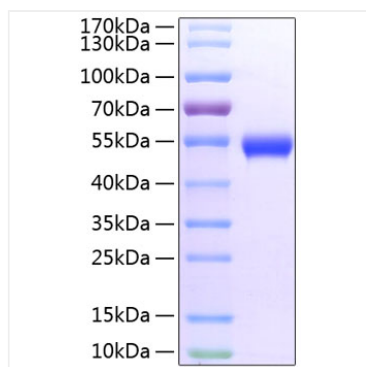
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

## Validation Data

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Recombinant Mouse TNFRSF18/CD357  
Protein was determined by SDS-PAGE with  
Coomassie Blue, showing a band at 60kDa.