

# Recombinant Mouse TNFRSF18/GITR/CD357 Protein

Catalog No.: RP02678 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Mouse	21936	Q8C4K3

### Tags

C-His

### Synonyms

CD357; GITR; GITR-D; TNFRSF18; AITR

## Product Information

Source	Purification
HEK293 cells	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

Calculated MW	Observed MW
15.2 kDa	30-40 kDa

### Endotoxin

Less than 1EU per µg by the LAL method.

### 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

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## Background

GITR (glucocorticoid-induced tumor necrosis factor receptor), also known as AITR and TNFRSF18, is a 40 kDa transmembrane glycoprotein that functions in immune regulation. GITR is a receptor for TNFSF18. Seems to be involved in interactions between activated T-lymphocytes and endothelial cells and in the regulation of T-cell receptor-mediated cell death. Mediated NF-kappa-B activation via the TRAF2/NIK pathway.

## Basic Information

### Description

Recombinant Mouse TNFRSF18/GITR/CD357 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ser22-His153) of mouse TNFRSF18/GITR/CD357 (Accession #Q8C4K3) fused with His tag at the C-terminus.

### Bio-Activity

#### Storage

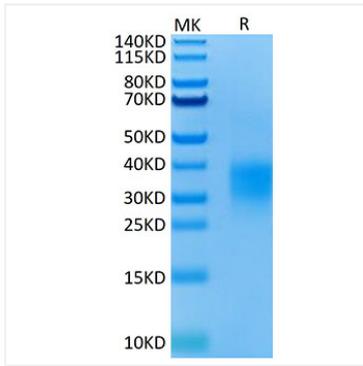
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

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

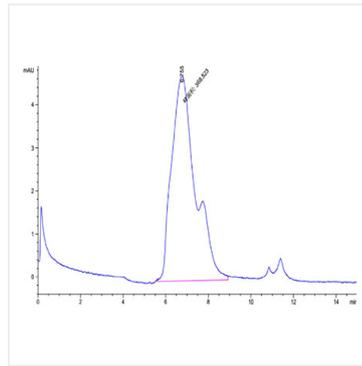
Avoid repeated freeze/thaw cycles.

## Validation Data

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Mouse GTR on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



The purity of Mouse GTR is greater than 95% as determined by SEC-HPLC.