

Recombinant Mouse TNFRSF18/GITR/CD357 Protein

Catalog No.: RP02678

Sequence Information

Species	Gene ID
Mouse	21936
Swiss Prot	Tags
Q8C4K3	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

< 1 EU/μg of the protein by 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.

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-κB 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.

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

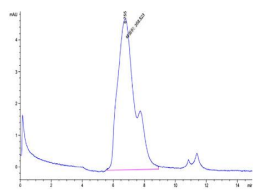
Operational Notes

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

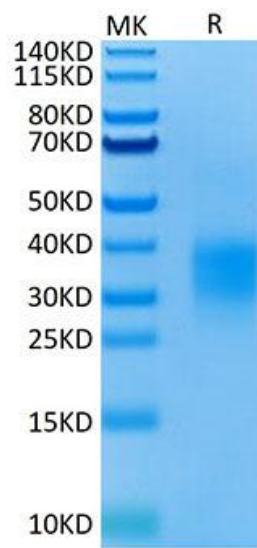
Contact

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Validation Data



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



Recombinant Mouse TNFRSF18/GITR/CD357 Protein was determined by Tris-Bis PAGE under reducing conditions.