

# Recombinant Human GITR Ligand/TNFSF18 Protein

Catalog No.: RP01535 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	8995	Q9UNG2

### Tags

C-hFc

### Synonyms

TNFSF18;AITRL;GITRL;TL6;TNLG2A;hGITRL

## Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

### Endotoxin

<0.1EU/μg

### 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.

## Contact

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## 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 Human GITR Ligand/TNFSF18 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gln50-Ser177) of human GITR Ligand/TNFSF18 (Accession #NP\_005083.2) fused with a hFc tag at the C-terminus.

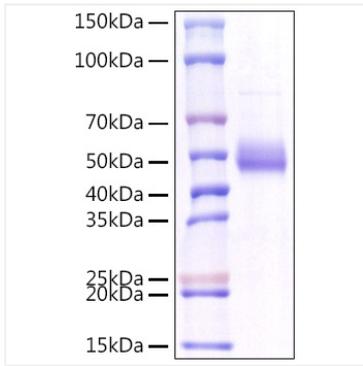
### Bio-Activity

#### Storage

Store the lyophilized protein at -20°C to -80°C for 12 months. 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 Human GITR Ligand/TNFSF18 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 45-50kDa.