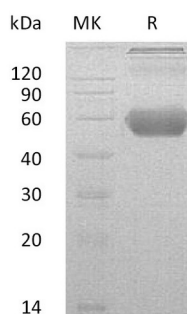


## Summary

<b>Name</b>	GITR/TNFRSF18/CD357/Tumor necrosis factor receptor superfamily member 18/Glucocorticoid-induced TNFR-related protein/AITR
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/ $\mu$ g as determined by LAL test.
<b>Construction</b>	Recombinant Mouse Glucocorticoid Induced TNF Receptor Family Related Gene is produced by our Mammalian expression system and the target gene encoding Ser22-His153 is expressed with a human IgG1 Fc, 6His tag at the C-terminus.
<b>Accession #</b>	O35714
<b>Host</b>	Human Cells
<b>Species</b>	Mouse
<b>Predicted Molecular Mass</b>	42.3 KDa
<b>Formulation</b>	Lyophilized from a 0.2 $\mu$ m filtered solution of 20 mM Tris-HCl, 50 mM NaCl, 5% Sucrose, 5% Dextran-70, 0.05% Tween 80, pH8.0.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	Store at $\leq$ -70°C, stable for 6 months after receipt. Store at $\leq$ -70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
<b>Reconstitution</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 $\mu$ g/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 $\mu$ g/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## SDS-PAGE image



**Product Name: Recombinant Mouse GITR (C-Fc-6His)**  
**Catalog #: PHM0339**



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## Background

### Alternative Names

Tumor necrosis factor receptor superfamily member 18;Glucocorticoid-induced TNFR-related protein;Tnfrsf18; AITR;CD357;GITR-D;TNFRSF18

### Background

Tumor necrosis factor receptor superfamily member 18(Gitr) contains 3 TNFR-Cys repeats and it have four isforms.IsformA、 isformB and isformC is single-pass type I membrane protein and isformD 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 mediated NF-kappa-B 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 preferentially expressed in activated T lymphocytes and up-regulated in peripheral mononuclear cells after antigen stimulation/lymphocyte activation.

## Note

For Research Use Only , Not for Diagnostic Use.