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

Summary

Name	GITR/TNFRSF18/CD357/Tumor necrosis factor receptor superfamily member 18/Glucocorticoid-induced TNFR-related protein/AITR
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	O35714
Host	Human Cells
Species	Mouse
Predicted Molecular Mass	42.3 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20 mM Tris-HCl, 50 mM NaCl, 5% Sucrose, 5% Dextran-70, 0.05% Tween 80, pH8.0.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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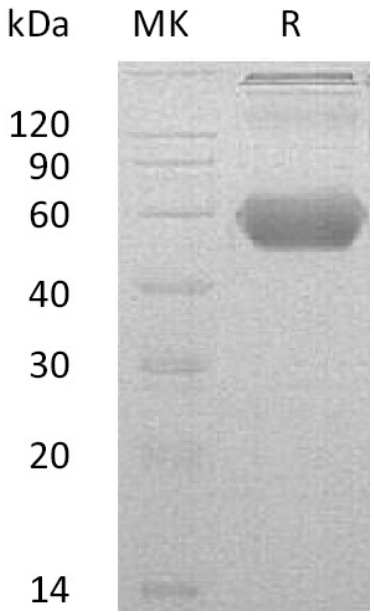

Alternative Names

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 peripherical mononuclear cells after antigen stimulation/lymphocyte activation.

Note

For Research Use Only , Not for Diagnostic Use.