

## 32-8006: Recombinant Mouse GITR/TNFRSF18/CD357 (C-Fc-6His)(Discontinued)

**Gene :** Tnfrsf18

**Gene ID :** 21936

**Uniprot ID :** O35714

### Description

Source: Human Cells.

MW :42.3kD.

Recombinant Mouse GITR is produced by our Mammalian expression system and the target gene encoding Ser22-His153 is expressed with a Fc, 6His tag at the C-terminus. 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.

### Product Info

**Amount :** 6His) / 50 µg

**Content :** Lyophilized from a 0.2 µm filtered solution of PBS,pH7.4.

**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

**Amino Acid :** SVVEEPGCGPGKVQNGSGNNTCCSLYAPGKEDCPKERCICVTPEYHCGDPQCKICKHYPCQPQQRVESQGGDI  
VFGFRCVACAMGTFSAGRDGHCLWNTCSQFGFLTMFPGNKTHNAVCIPEPLPTEQYGHVDDIEGRMDPEPKS  
CDKTHTCPPCPAPPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVDVSHEDPEVKFNWYVDGVEVHNAKTKPRE  
EQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTLC  
LVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQK  
SLSLSPGKHHHHHH

### Application Note

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 ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.