

Product datasheet for **TP727511**

TNFRSF18 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human GITR/TNFRSF18/CD357 (C-Fc)
Species:	Human
Expression cDNA Clone or AA Sequence:	Gln26-Gln161
Tag:	C-Fc
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Human Glucocorticoid Induced TNF Receptor Family Related Gene is produced by our Mammalian expression system and the target gene encoding Gln26-Gln161 is expressed with a Fc tag at the C-terminus.
Storage:	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.
Stability:	12 months from date of despatch
Locus ID:	8784
UniProt ID:	Q9Y5U5
Synonyms:	Tumor necrosis factor receptor superfamily member 18; TNFRSF18; Glucocorticoid-induced TNFR-related protein; CD357; TNFRSF18; AITR; GITR
Summary:	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.
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane
Protein Pathways:	Cytokine-cytokine receptor interaction



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