

Active Recombinant Human TNFRSF18 protein, mFc-tagged

Cat. No. TNFRSF18-1478H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFRSF18 protein(Gln26-Glu161), fused with mFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	26-161 a.a.
Form	Lyophilized from 0.22 µm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5.
Bio-activity	Immobilized Human GITR Ligand, Fc Tag at 5 µg/mL (100 µL/well) can bind Human GITR Protein, Mouse IgG2a Fc Tag with a linear range of 0.039-0.313 µg/mL.
Molecular Mass	This protein carries a mouse IgG2a Fc tag at the C-terminus. The protein has a calculated MW of 41.4 kDa. The protein migrates as 46-49 kDa and 50-55 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Gln26-Glu161
Endotoxin	Less than 0.1 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.

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Storage For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name TNFRSF18 tumor necrosis factor receptor superfamily, member 18 [Homo sapiens]

Official Symbol TNFRSF18

Synonyms TNFRSF18; tumor necrosis factor receptor superfamily, member 18; tumor necrosis factor receptor superfamily member 18; AITR; CD357; GITR; activation-inducible TNFR family receptor; glucocorticoid-induced TNFR-related protein; TNF receptor superfamily activation-inducible protein; GITR-D;

Gene ID 8784

mRNA Refseq NM_004195

Protein Refseq NP_004186

MIM 603905

UniProt ID Q9Y5U5

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