

Active Recombinant Mouse TNFSF18 protein, Fc-tagged

Cat. No. TNFSF18-1507M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse TNFSF18 protein(Thr47-Ser173), fused with Fc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	47-173 a.a.
Form	Lyophilized from 0.22 µm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5.
Bio-activity	Immobilized Mouse GITR, His Tag at 5 µg/mL (100 µL/well) can bind Mouse GITR Ligand, Fc Tag with a linear range of 5-156 ng/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the N-terminus. The protein has a calculated MW of 41.4 kDa. As a result of glycosylation, the protein migrates as 45 kDa under reducing (R) condition, and 80-100 kDa under non-reducing (NR) condition (SDS-PAGE).
Proteinlength	Thr47-Ser173
Endotoxin	Less than 1.0 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 Tnfsf18 tumor necrosis factor (ligand) superfamily, member 18 [*Mus musculus*]

Official Symbol TNFSF18

Synonyms TNFSF18; tumor necrosis factor (ligand) superfamily, member 18; tumor necrosis factor ligand superfamily member 18; GITR ligand; glucocorticoid-induced TNF-related ligand; glucocorticoid-induced-tumor necrosis factor receptor ligand; Gitrl;

Gene ID 240873

mRNA Refseq NM_183391

Protein Refseq NP_899247

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