

## Active Recombinant Human TNFRSF18 protein, mFc-tagged

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

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Human TNFRSF18 protein(Gln26-Glu161), fused with mFc tag, was expressed in HEK293.  |
| <b>Species</b>          | Human   |
| <b>Source</b>           | HEK293  |
| <b>ProteinLength</b>    | 26-161 a.a.   |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5.  |
| <b>Bio-activity</b>     | 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.  |
| <b>Molecular Mass</b>   | 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. |
| <b>Proteinlength</b>    | Gln26-Glu161  |
| <b>Endotoxin</b>        | Less than 0.1 EU per µg by the LAL method.  |
| <b>Purity</b>           | >95% as determined by SDS-PAGE.   |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**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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