

Active Recombinant Human TNFRSF18 protein, His-tagged

Cat. No. TNFRSF18-2090H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFRSF18 protein(NP_683700.1)(Met1-Glu161), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Glu161
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized TNFRSF18-His at 10 µg/mL (100 µL/well) can bind TNFSF18-mFc, the EC50 of TNFSF18-mFc is 20-60 ng/mL.
Molecular Mass	The recombinant human TNFRSF18 consists 147 amino acids and predicts a molecular mass of 16 kDa. As a result of glycosylation, it migrates as an approximately 25.44 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

repeated freeze-thaw cycles.

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

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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