

Active Recombinant Human TNFRSF18 protein, hFc-tagged, Low Endotoxin

Cat. No. TNFSF18-2222H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFRSF18 protein(Q9Y5U5-1)(Gln26-Glu161), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	26-161 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human GITR Ligand Trimer, His Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Human GITR, hFc Tag with the EC50 of 50.8ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 41.3 kDa. Due to glycosylation, the protein migrates to 45-55 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

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

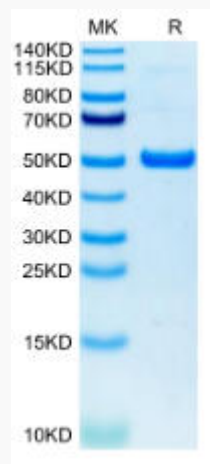
UniProt ID Q9Y5U5

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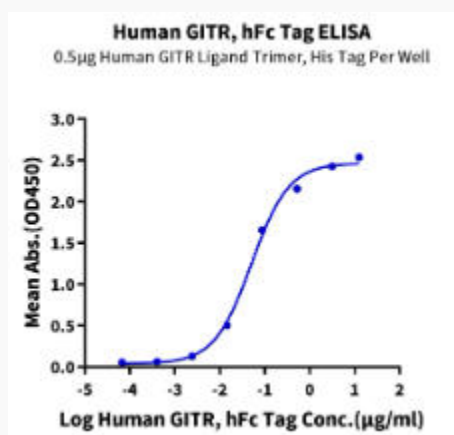
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Bis-Tris PAGE



ELISA Data



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