

Active Recombinant Human TNFSF18 protein, His-Flag-tagged, Low Endotoxin

Cat. No. TNFSF18-6854H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFSF18 protein(Q9UNG2)(Gln50-Ser177), fused with N-terminal His and Flag tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	50-177 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 47.5 kDa. Due to glycosylation, the protein migrates to 54-64 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 TNFSF18 tumor necrosis factor (ligand) superfamily, member 18 [Homo sapiens]

Official Symbol TNFSF18

Synonyms TNFSF18; tumor necrosis factor (ligand) superfamily, member 18; tumor necrosis factor ligand superfamily member 18; AITRL; hGITRL; TL6; AITR ligand; GITR ligand; activation-inducible TNF-related ligand; glucocorticoid-induced TNF-related ligand; glucocorticoid-induced TNFR-related protein ligand; GITRL; MGC138237;

Gene ID 8995

mRNA Refseq NM_005092

Protein Refseq NP_005083

MIM 603898

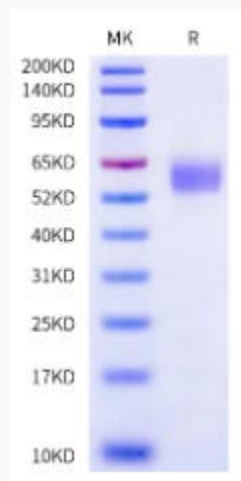
UniProt ID Q9UNG2

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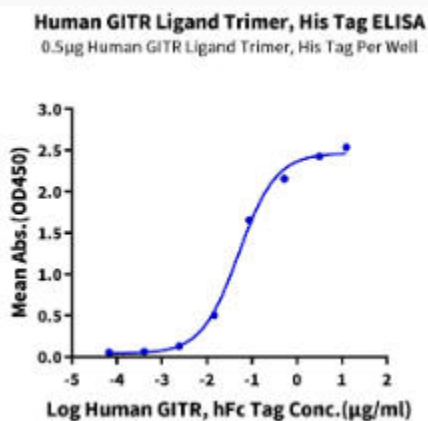
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Bis-Tris PAGE



ELISA Data



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