

## Recombinant Human TNFSF18 protein, His-Flag-tagged, Biotinylated(Primary Amine Labeling)

Cat. No. TNFSF18-5744H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Human TNFSF18 protein(Q9UNG2)(Gln50-Ser177), fused with N-terminal His-Flag tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Gln50-Ser177
<b>Tag</b>	N-His-Flag
<b>Conjugation/Label</b>	Biotin; Primary Amine
<b>Form</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Immobilized Human G1TR, hFc Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human G1TR Ligand Trimer, His Tag with the EC50 of 11.4ng/ml determined by ELISA.
<b>Molecular Mass</b>	The protein has a predicted MW of 47.5 kDa. Due to glycosylation, the protein migrates to 50-70 kDa based on Tris-Bis PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.

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<b>Purity</b>	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC
<b>Storage</b>	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>Conjugation</b>	Biotin

## GENE INFORMATION

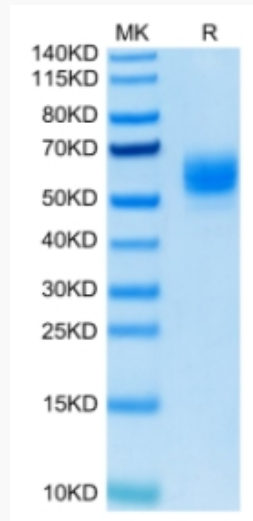
<b>Gene Name</b>	TNFSF18 tumor necrosis factor (ligand) superfamily, member 18 [ Homo sapiens ]
<b>Official Symbol</b>	TNFSF18
<b>Synonyms</b>	TNFSF18; tumor necrosis factor (ligand) superfamily, member 18; tumor necrosis factor ligand superfamily member 18; AITRL; hGITRL; TL6; AITR ligand; GITR ligand; activation-inducible TNF-related ligand; glucocorticoid-induced TNF-related ligand; glucocorticoid-induced TNFR-related protein ligand; GITRL; MGC138237;
<b>Gene ID</b>	8995
<b>mRNA Refseq</b>	NM_005092
<b>Protein Refseq</b>	NP_005083
<b>MIM</b>	603898
<b>UniProt ID</b>	Q9UNG2

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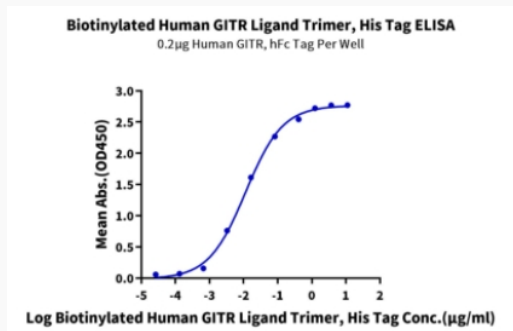
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**Tris-Bis PAGE**



**ELISA Data**



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