

# Recombinant Human TNFSF18 Protein, Gln50-Ser177, N-His-Flag tagged, Biotinylated

Cat. No. TNFSF18-104H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant human GITR Ligand/TNFSF18 Trimer-N-His-Flag protein was developed from HEK293 and has a target region of N-His-Flag.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Gln50-Ser177
<b>Description</b>	The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for receptor TNFRSF18/AITR/GITR. It has been shown to modulate T lymphocyte survival in peripheral tissues. This cytokine is also found to be expressed in endothelial cells, and is thought to be important for interaction between T lymphocytes and endothelial cells.
<b>Conjugation/Label</b>	Biotin
<b>Form</b>	Lyophilised
<b>Endotoxin</b>	Endotoxin level was found to be less than 0.1 ng/μg (1 EU/μg).
<b>Notes</b>	FOR RESEARCH USE ONLY (RUO).

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

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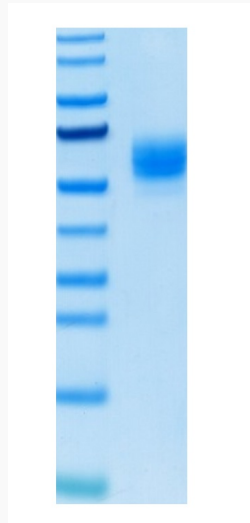
<b>Storage</b>	The lyophilized protein is stable for at least 1 year from date of receipt at -20 centigrade.
<b>Storage Buffer</b>	Lyophilised from 0.2 µm filtered PBS solution pH 7.4. Upon receipt centrifuge vial to ensure maximal product extraction, recommended: 20 sec, 5K RPM
<b>Conjugation</b>	Biotin
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	TNFSF18 tumor necrosis factor (ligand) superfamily, member 18 [ Homo sapiens (human) ]
<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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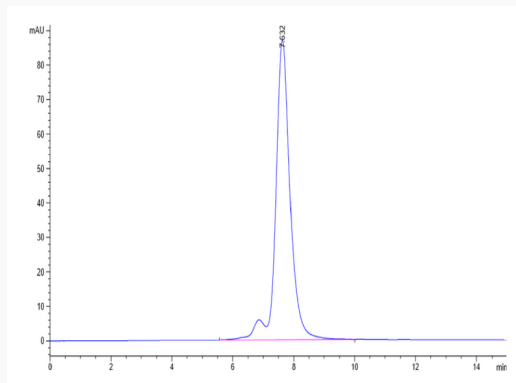
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**Biotinylated Human  
GITR Ligand Trimer  
on Tris-Bis PAGE  
under reduced  
condition. The purity  
is greater than 95%.**



**The purity of  
Biotinylated Human  
GITR Ligand Trimer  
is greater than 95%  
as determined by  
SEC-HPLC.**



**Immobilized Human  
GITR, His Tag at 1  
µg/mL (100 µL/Well).  
Dose response curve  
for Biotinylated  
Human GITR Ligand  
Trimer, His Tag with**

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the EC50 of 0.2  
µg/mL determined by  
ELISA.

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