

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

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

SPECIFICATION

Product Overview	Recombinant human GITR Ligand/TNFSF18 Trimer-N-His-Flag protein was developed from HEK293 and has a target region of N-His-Flag.
Species	Human
Source	HEK293
ProteinLength	Gln50-Ser177
Description	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.
Conjugation/Label	Biotin
Form	Lyophilised
Endotoxin	Endotoxin level was found to be less than 0.1 ng/μg (1 EU/μg).
Notes	FOR RESEARCH USE ONLY (RUO).

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Storage	The lyophilized protein is stable for at least 1 year from date of receipt at -20 centigrade.
Storage Buffer	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
Conjugation	Biotin
GENE INFORMATION	
Gene Name	TNFSF18 tumor necrosis factor (ligand) superfamily, member 18 [Homo sapiens (human)]
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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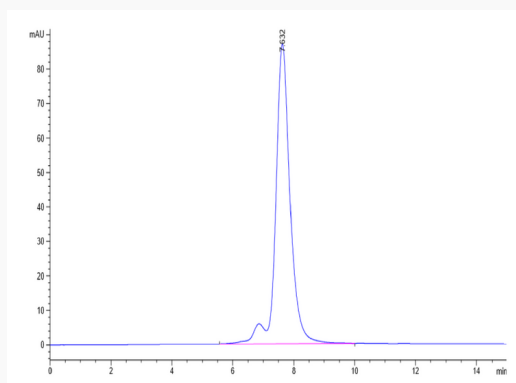
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**Biotinylated Human
GITR Ligand Trimer
on Tris-Bis PAGE
under reduced
condition. The purity
is greater than 95%.**



**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.