

Datasheet for ABIN7274682

TNFSF18 Protein (Trimer) (His-DYKDDDDK Tag,Biotin)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	TNFSF18
Protein Characteristics:	Trimer
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFSF18 protein is labelled with His-DYKDDDDK Tag,Biotin.

Product Details

Purpose:	Biotinylated Human GITR Ligand/TNFSF18 Trimer Protein (Primary Amine Labeling)
Sequence:	Gln50-Ser177
Characteristics:	Recombinant Biotinylated Human GITR Ligand/TNFSF18 Trimer Protein (Primary Amine Labeling) is expressed from HEK293 with His tag and flag tag at the N-Terminus.It contains Gln50-Ser177.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Human GITR, His Tag at 1µg/ml (100µl/Well). Dose response curve for Biotinylated Human GITR Ligand Trimer, His Tag with the EC50 of 0.2µg/ml determined by ELISA. See testing image for detail.

Target Details

Target:	TNFSF18
Alternative Name:	GITR Ligand (TNFSF18 Products)
Background:	Glucocorticoid-induced TNFR-related protein (TNFRSF18, GITR, CD357), expressed by T cells, and its ligand (TNFSF18, GITRL), expressed by myeloid populations, provide co-stimulatory signals that boost T cell activity. Due to the important role that GITR plays in regulating immune functions, agonistic stimulation of GITR is a promising therapeutic concept.
Molecular Weight:	47.5 kDa. Due to glycosylation, the protein migrates to 50-70 kDa based on Tris-Bis PAGE result.
UniProt:	Q9UNG2

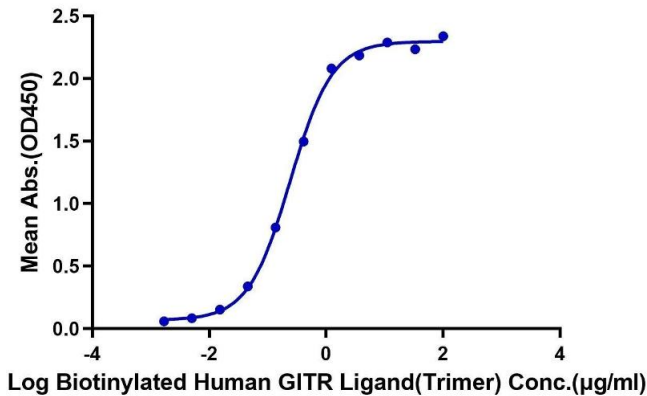
Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

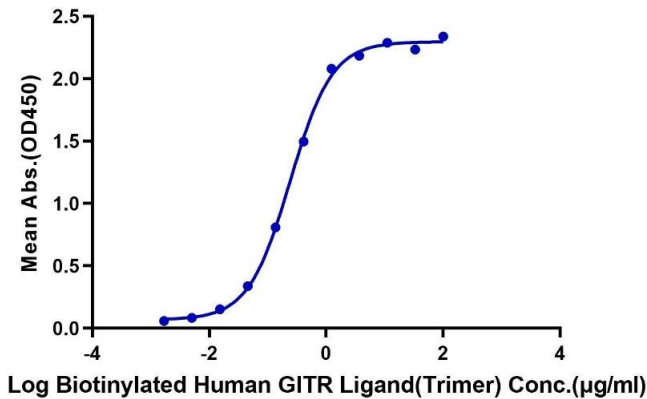
Biotinylated Human GITR Ligand Trimer, His Tag ELISA
0.1µg Human GITR, His Tag Per Well



ELISA

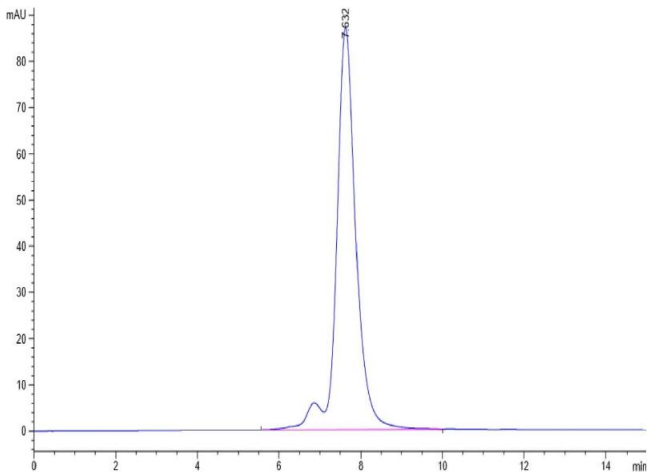
Image 1. Immobilized Human GITR, His Tag at 1 µg/mL (100 µL/Well). Dose response curve for Biotinylated Human GITR Ligand Trimer, His Tag with the EC50 of 0.2 µg/mL determined by ELISA.

Human GITR, His Tag ELISA
0.1µg Human GITR, His Tag Per Well



ELISA

Image 2. Immobilized Human GITR, His Tag at 1 µg/mL (100 µL/Well). Dose response curve for Biotinylated Human GITR Ligand Trimer, His Tag with the EC50 of 0.2 µg/mL determined by ELISA.



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 3. The purity of Biotinylated Human GITR Ligand/TNFSF18 Trimer is greater than 95 % as determined by SEC-HPLC.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7274682.