

Datasheet for ABIN6938904

**TNFSF18 Protein (AA 50-177) (His tag)**[Go to Product page](#)**3** Images

## Overview

Quantity:	100 µg
Target:	TNFSF18
Protein Characteristics:	AA 50-177
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This TNFSF18 protein is labelled with His tag.

## Product Details

Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

## Target Details

Target:	TNFSF18
Alternative Name:	GITR Ligand ( <a href="#">TNFSF18 Products</a> )
Background:	<p>Tumor necrosis factor ligand superfamily member 18 (TNFSF18) is also known as Glucocorticoid - induced TNF-related ligand (GITRL or GITR Ligand), Activation - inducible TNF - related ligand (AITRL), which belongs to the tumor necrosis factor family. TNFSF18 is expressed at high levels in the small intestine, ovary, testis, kidney and endothelial cells.</p> <p>TNFSF18 / GITRL is up-regulated after stimulation by bacterial lipopolysaccharides (LPS).</p>

Target Details

TNFSF18 Can function as costimulator and lower the threshold for T-cell activation and T-cell proliferation. TNFSF18 / GITR Ligand is important for interactions between activated T-lymphocytes and endothelial cells. TNFSF18 also mediates activation of NF-kappa-B.

Molecular Weight: 20.5 kDa

Application Details

Restrictions: For Research Use only

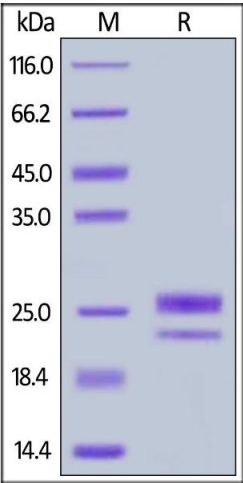
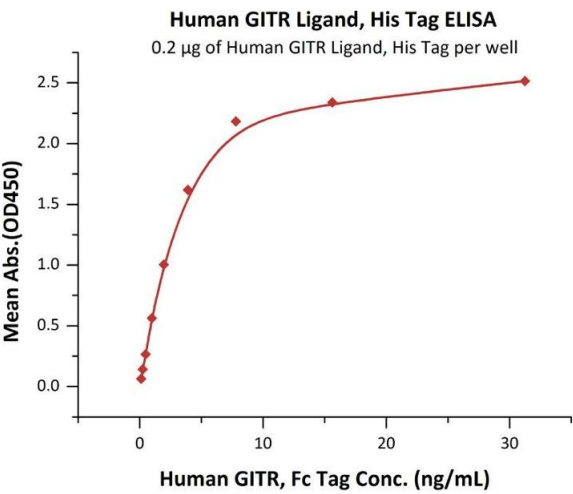
Handling

Format: Lyophilized

Buffer: PBS, pH 7.4

Storage: -20 °C

Images

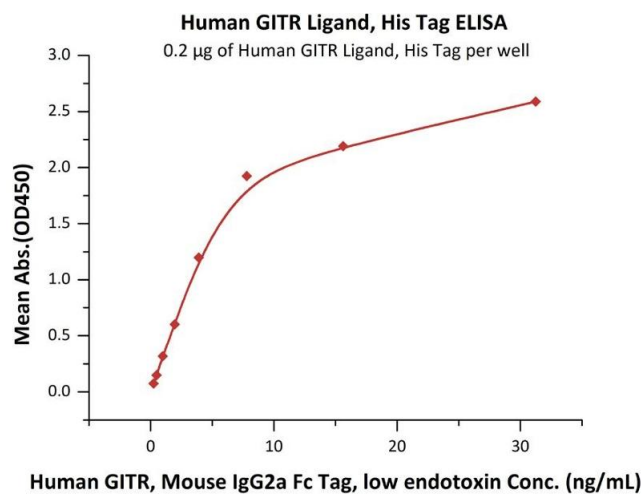


ELISA

**Image 1.** Immobilized Human GITR Ligand, His Tag (ABIN6810043,ABIN6938904) at 2 µg/mL (100 µL/well) can bind Human GITR, Fc Tag (ABIN5954929,ABIN6253604) with a linear range of 0.1-4 ng/mL (QC tested).

SDS-PAGE

**Image 2.** Human GITR Ligand, His Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90 % .



ELISA

**Image 3.** Immobilized Human GTR Ligand, His Tag (ABIN6810043,ABIN6938904) at 2 µg/mL (100 µL/well) can bind Human GTR, Mouse IgG2a Fc Tag, low endotoxin (ABIN5954930,ABIN6253588) with a linear range of 0.2-8 ng/mL (Routinely tested).