

Datasheet for ABIN7274684

TNFSF18 Protein (AA 47-173) (Fc Tag)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µg
Target:	TNFSF18
Protein Characteristics:	AA 47-173
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFSF18 protein is labelled with Fc Tag.

Product Details

Purpose:	Mouse GITR Ligand/TNFSF18 Protein
Sequence:	Thr47-Ser173
Characteristics:	Recombinant Mouse GITR Ligand/TNFSF18 Protein is expressed from HEK293 with hFc tag at the N-Terminus. It contains Thr47-Ser173.
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.

Target Details

Target:	TNFSF18
Alternative Name:	GITR Ligand (TNFSF18 Products)

Target Details

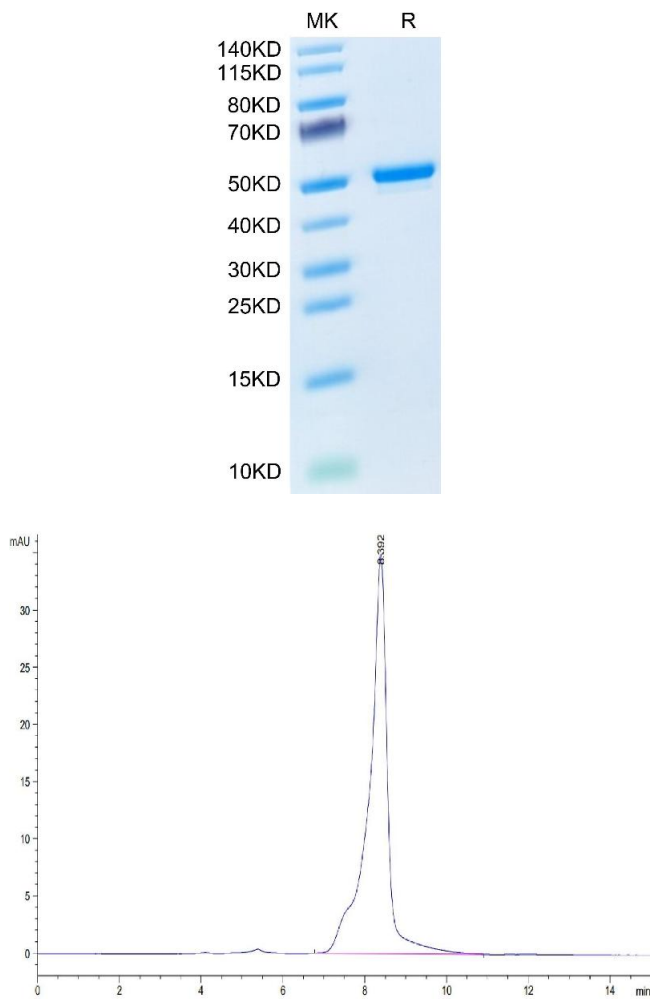
Background:	Glucocorticoid-induced TNFR-related protein (TNFRSF18, GITR, CD357), expressed by T cells, and its ligand (TNFSF18, GITRL), expressed by myeloid populations, provide co-stimulatory signals that boost T cell activity. Due to the important role that GITR plays in regulating immune functions, agonistic stimulation of GITR is a promising therapeutic concept.
Molecular Weight:	41.8 kDa. Due to glycosylation, the protein migrates to 50-60 kDa based on Tris-Bis PAGE result.
UniProt:	Q7TS55

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



SDS-PAGE

Image 1. Mouse GITR Ligand on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Mouse GITR Ligand is greater than 95 % as determined by SEC-HPLC.