

Datasheet for ABIN7274789

TNFRSF18 Protein (AA 22-153) (His tag)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	TNFRSF18
Protein Characteristics:	AA 22-153
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFRSF18 protein is labelled with His tag.

Product Details

Purpose:	Mouse GITR/TNFRSF18 Protein
Sequence:	Ser22-His153
Characteristics:	Recombinant Mouse GITR/TNFRSF18 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Ser22-His153.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	TNFRSF18
Alternative Name:	GITR (TNFRSF18 Products)

Target Details

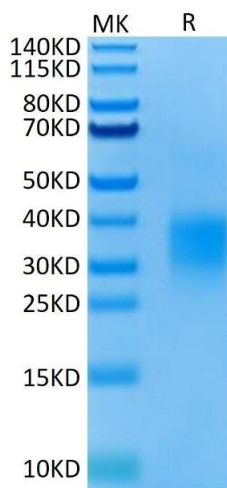
Background:	GITR (glucocorticoid-induced tumor necrosis factor receptor), also known as AITR and TNFRSF18, is a 40 kDa transmembrane glycoprotein that functions in immune regulation. GITR is a receptor for TNFSF18. Seems to be involved in interactions between activated T-lymphocytes and endothelial cells and in the regulation of T-cell receptor-mediated cell death. Mediated NF-kappa-B activation via the TRAF2/NIK pathway.
Molecular Weight:	15.2 kDa. Due to glycosylation, the protein migrates to 30-40 kDa based on Tris-Bis PAGE result.
UniProt:	Q8C4K3
Pathways:	Cancer Immune Checkpoints

Application Details

Restrictions:	For Research Use only
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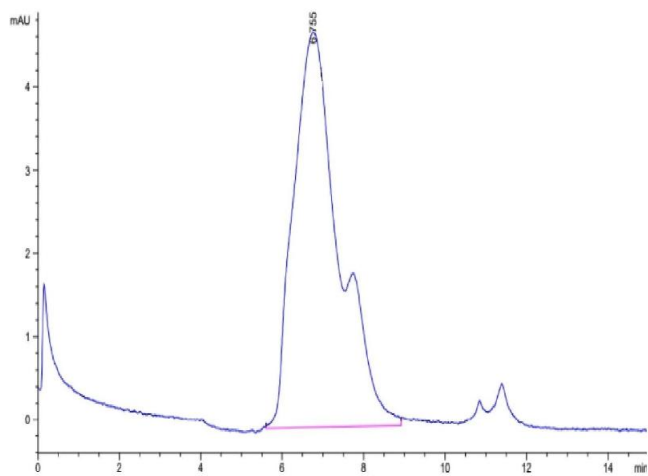
Handling

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/TNFRSF18 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/TNFRSF18 is greater than 95 % as determined by SEC-HPLC.