

Datasheet for ABIN6961091  
**TNFRSF18 Protein (Fc-His Tag)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µg
Target:	TNFRSF18
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFRSF18 protein is labelled with Fc-His Tag.

## Product Details

Purpose:	Recombinant human GITR protein with C-terminal human Fc and 6xHis tag
Specificity:	GITR (Gln26-Pro162) hFc (Glu99-Ala330) 6xHis
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

## Target Details

Target:	TNFRSF18
Alternative Name:	GITR ( <a href="#">TNFRSF18 Products</a> )
Background:	Synonyms: AITR, GITR, TNFRSF18, CD357 Description: This gene encodes a member of the TNF-receptor superfamily. The encoded receptor has been shown to have increased expression upon T-cell activation, and it is thought

## Target Details

to play a key role in dominant immunological self-tolerance maintained by CD25(+)CD4(+) regulatory T cells. Knockout studies in mice also suggest the role of this receptor is in the regulation of CD3-driven T-cell activation and programmed cell death. Three alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported.

Molecular Weight: predicted molecular mass of 51-52 kDa after removal of the signal peptide.

Gene ID: 8784

UniProt: [Q9Y5U5](#)

Pathways: [Cancer Immune Checkpoints](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Reconstitute with deionized water

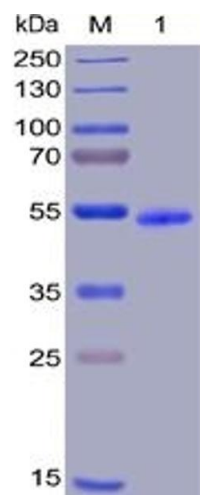
Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Preservative: Without preservative

Storage: -20 °C, -80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).  
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months



SDS-PAGE

**Image 1.** Human GITR Protein, hFc-His Tag on SDS-PAGE under reducing condition.