

Datasheet for ABIN5854537

## TNFRSF18 Protein (AA 26-162) (hIgG-His-tag)



[Go to Product page](#)

### 1 Image

#### Overview

Quantity:	50 µg
Target:	TNFRSF18
Protein Characteristics:	AA 26-162
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFRSF18 protein is labelled with hIgG-His-tag.
Application:	SDS-PAGE (SDS)

#### Product Details

Sequence:	QRPTGGPGCG PGRLLLTGT DARCCRVHTT RCCRDYPGEE CCSEWDCCMV QPEFHCGDPC CTTCRHHPCP PGQGVQSQ GK FSFGFQCIDC ASGTFSGGHE GHCKPWT DCT QFGFLT VFP NKTHNAV CVP GSPPAEP
Purity:	> 95% by SDS-PAGE
Endotoxin Level:	< 1 EU per 1 µg of protein (determined by LAL method)

#### Target Details

Target:	TNFRSF18
Alternative Name:	GITR/TNFRSF18 ( <a href="#">TNFRSF18 Products</a> )
Background:	TNFRSF18, also known as tumor necrosis factor receptor superfamily member 18 isoform 1, is receptor for TNFSF18. It seems to be involved in interactions between activated T-lymphocytes

## Target Details

and endothelial cells and in the regulation of T-cell receptor-mediated cell death. TNFRSF18 mediated NF-kappa-B activation via the TRAF2/NIK pathway. Also, this protein reciprocally stimulated and activate intracellular signals regulating immune functions. In particular, GITR-driven T-cell co-stimulation was found to be the main mechanism by which the GITRL-GITR system contributes to tumor rejection and the development of autoimmune/inflammatory diseases. Recombinant human TNFRSF18, fused to hlgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 41.6 kDa (376aa)

NCBI Accession: [NP\\_004186](#)

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

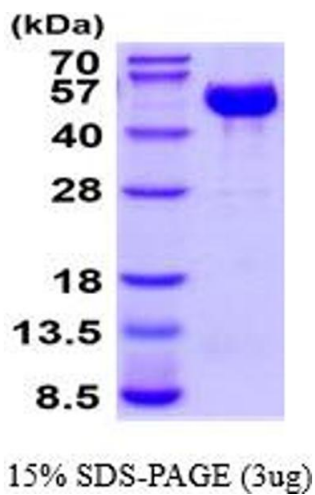
Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Liquid. In Phosphate Buffered Saline ( pH 7.4) containing 10 % glycerol.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.



SDS-PAGE
Image 1.