

# Human GITR / TNFRSF18 (Fc Tag) recombinant protein



Catalog Number: 500623

## General Information

### Gene Name Synonym

Activation-inducible TNFR family receptor;  
Glucocorticoid-induced TNFR-related protein

### Protein Construction

A DNA sequence encoding the human TNFRSF18 (Q9Y5U5-1) (Met1-Glu161) was expressed with the Fc region of human IgG1 at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 90 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu$ g of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Gln 26

### Molecular Mass

The recombinant human TNFRSF18/Fc is a disulfide-linked homodimer. The reduced

monomer comprises 377 amino acids and has a predicted molecular mass of 41.5 kDa. The apparent molecular mass of the protein is approximately 96 and 45 kDa in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

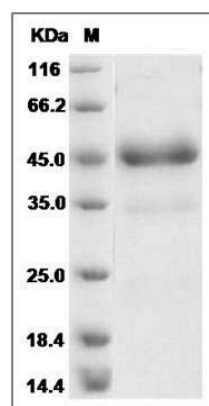
### Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Human GITR / TNFRSF18 Protein (Fc Tag) SDS-PAGE