

## **PRODUCT INFORMATION**

**GITR Ligand Target Synonyms** Tnfsf18

Recombinant mouse GITR Ligand protein with N-**Description** 

terminal human Fc tag

**Delivery** In Stock **Uniprot ID** Q7TS55 **Expression Host HEK293** 

Tag N-Human Fc Tag

Molecular hFc(Glu99-Ala330) Mouse GITR Ligand(Thr47-

Characterization

The protein has a predicted molecular mass of 40.6 kDa after removal of the signal peptide. The **Molecular Weight** 

apparent molecular mass of hFc-mGlTRL is approximately 40-55 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. 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 Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

Cytokine that binds to TNFRSF18/AITR/GITR (PubMed:14521928, PubMed:14647196). Regulates T-cell responses (PubMed:14647196). Can function as costimulator and lower the

threshold for T-cell activation and T-cell proliferation (PubMed:14608036, PubMed:15128759). Important for interactions

between activated T-lymphocytes and endothelial cells. Mediates activation of NF-kappa-B (PubMed:14521928, PubMed:14647196, PubMed:18178614). Triggers increased phosphorylation of STAT1 and up-regulates **Background** 

expression of VCAM1 and ICAM1 (By similarity). Promotes leukocyte adhesion to endothelial cells (PubMed:23892569). Regulates migration of monocytes from the splenic reservoir to sites of

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inflammation

(PubMed:24107315).[UniProtKB/Swiss-Prot

Function]

**Usage** Research use only

Conjugate Unconjugated





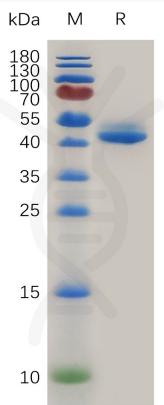


Figure 1. Mouse GITR Ligand Protein, hFc Tag on SDS-PAGE under reducing condition.

