

## **PRODUCT INFORMATION**

**Target GITR Ligand** 

TNFSF18;AITRL;TL6;hGITRL;GITR Ligand **Synonyms** 

Recombinant human GITR Ligand protein with C-**Description** 

terminal His tag

**Delivery** In Stock **Uniprot ID** Q9UNG2 **Expression Host HEK293** 

Tag C-6×His Tag

Molecular Characterization

**Purity** 

**Background** 

GITR Ligand(Gln50-Ser177) 6×His

The protein has a predicted molecular mass of **Molecular Weight** 15.3 kDa after removal of the signal peptide.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

staining.

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

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.

The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for receptor TNFRSF18/AITR/GITR. It has been shown

to modulate T lymphocyte survival in peripheral tissues. This cytokine is also found to be

> Email: info@dimabio.com Website: www.dimabio.com

expressed in endothelial cells, and is thought to

be important for interaction between T lymphocytes and endothelial cells.

Usage Research use only

Conjugate Unconjugated

Figure 1. Human GITR Ligand Protein, His Tag on SDS-PAGE under reducing condition.



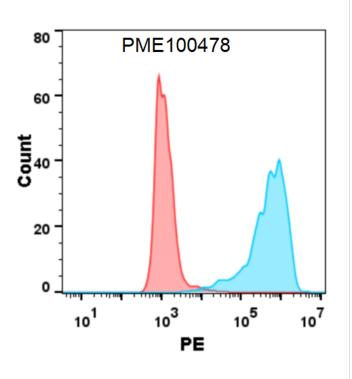


Figure 2. Flow cytometry analysis with 1  $\mu$ g/mL Human GITR Ligand Protein, His tag (PME100478) on HEK293 cells transfected with human GITR (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

Email: info@dimabio.com Website: www.dimabio.com