Human GITR Ligand Protein, His tag

Cat. No. PME100478

PRODUCT INFORMATION

Target	GITR Ligand
Synonyms	TNFSF18;AITRL;TL6;hGITRL;GITR Ligand
Description	Recombinant human GITR Ligand protein with C-terminal His tag
Delivery	In Stock
Uniprot ID	Q9UNG2
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	GITR Ligand(Gln50-Ser177) 6×His
Molecular Weight	The protein has a predicted molecular mass of 15.3 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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.
Background	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 expressed in endothelial cells, and is thought to be important for interaction between T lymphocytes and endothelial cells.
Usage	Research use only
Conjugate	Unconjugated

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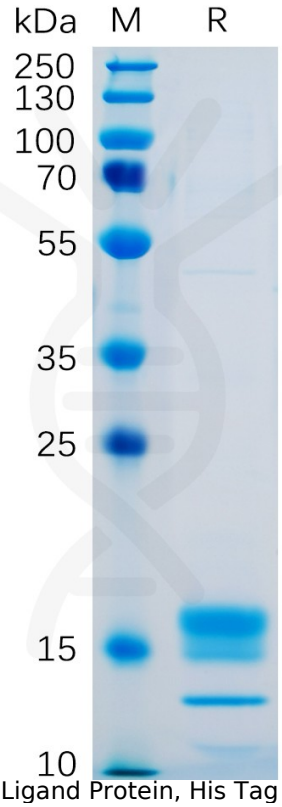


Figure 1. Human GITR Ligand Protein, His Tag on SDS-PAGE under reducing condition.

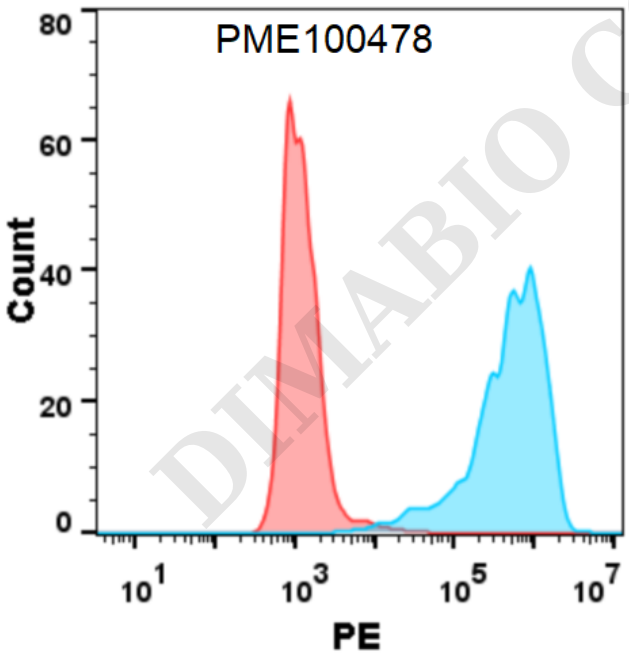


Figure 2. Flow cytometry analysis with 1 μg/mL Human GITR Ligand Protein, His tag (PME100478) on HEK293 cells transfected with human GITR (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

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