PRODUCT INFORMATION

Target	GITR Ligand
Synonyms	TNFSF18;AITRL;TL6;hGITRL;GITR Ligand
Description	Recombinant human GITR Ligand protein with N-terminal mouse Fc and C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	Q9UNG2
Expression Host	HEK293
Tag	N-Mouse Fc and C-6×His Tag
Molecular Characterization	mFc(Pro99-Lys330) GITR Ligand(Gln50-Ser177) 6×His
Molecular Weight	The protein has a predicted molecular mass of 46-53 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

DIMA BIO CONFIDENTIAL

Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China
Telephone: +1 2409940618(USA)
/+86-18062749453(China)
/+86-400-006-0995(China)

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

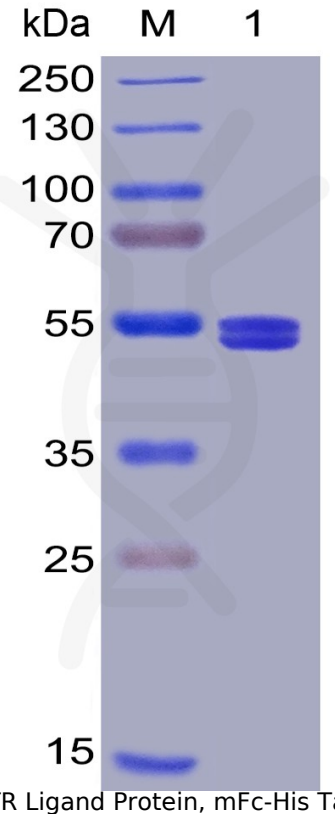


Figure 1.Human GITR Ligand Protein, mFc-His Tag on SDS-PAGE under reducing condition.

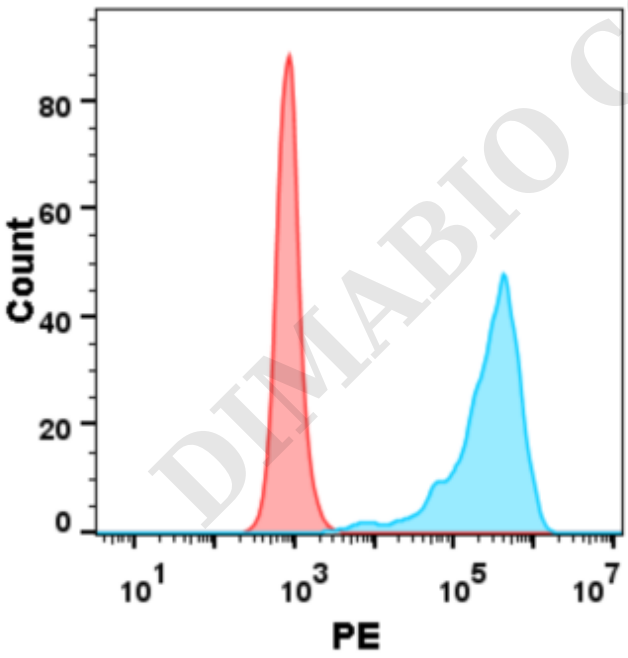


Figure 2. Flow cytometry analysis with 1 μg/mL Human GITRL Protein, mFc-His tag (PME100020) on HEK293 cells transfected with human GITR (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

DIMABIO CONFIDENTIAL

Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China
Telephone: +1 2409940618(USA)
/+86-18062749453(China)
/+86-400-006-0995(China)

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