MOUSE GITR LIGAND PROTEIN, HFC TAG

：12190

：Mouse GITR Ligand

：10/50/100 μg

Tnfsf18

：GITR Ligand

UNIPROT ID: Q7TS55

：Recombinant mouse GITR Ligand protein with N-terminal human Fc tag

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

／ ：HEK293

：The protein has a predicted molecular mass of 40.6 kDa after removal of the signal peptide. The apparent molecular mass of hFc-mGITRL is approximately 40-55 kDa due to glycosylation.

：hFc(Glu99-Ala330) Mouse GITR Ligand(Thr47-Ser173)

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

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

：Store at -20ºC to -80ºC for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80ºC (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
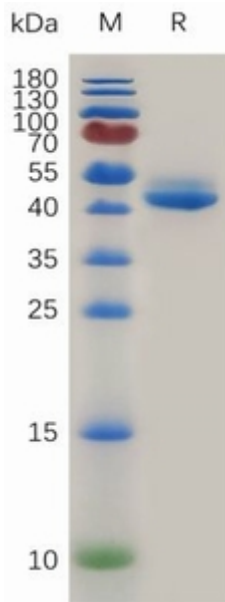
Figure 1. Mouse GITR Ligand Protein, hFc Tag on SDS-PAGE under reducing condition.