

**MOUSE GITR LIGAND PROTEIN, HFC TAG**

目录: 12190

产品名称: Mouse GITR Ligand Protein

规格: 10 µg, 50 µg and 100 µg

基因符号: Tnfsf18

**Target:** GITR Ligand

**UNIPROT ID:** Q7TS55

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

**背景:** 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]

**Species/Host:** HEK293

**Molecular Weight:** 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.

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

**纯化:** 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.

**储存和运输:** 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.

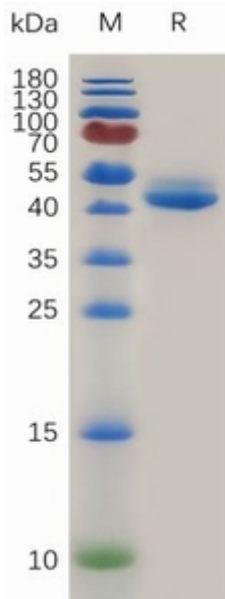


Figure 1. Mouse G1TR Ligand Protein, hFc Tag on SDS-PAGE under reducing condition.