

32-17956: Recombinant Mouse GITR Ligand Protein, hFc Tag

Uniprot ID : Q7TS55

Alternative Name : Tnfsf18

Description

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

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.

Description: 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]

Product Info

Amount : 100 µg / 50 µg

Content : Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

Storage condition : 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.