

MOUSE GITR PROTEIN, HFC TAG**Cat.#:** 12140**Product Name:** Mouse GITR Protein**Size :** 10 µg, 50 µg and 100 µg**Synonyms:** AITR;Gitr**Target:** GITR**UNIPROT ID:** O35714**Description:** Recombinant mouse GITR protein with C-terminal human Fc tag**Background:** Receptor for TNFSF18. Seems to be involved in interactions between activated T-lymphocytes and endothelial cells and in the regulation of T-cell receptor-mediated cell death. Mediated NF-kappa-B activation via the TRAF2/NIK pathway (By similarity).[UniProtKB/Swiss-Prot Function]**Species/Host:** HEK293**Molecular Weight:** The protein has a predicted molecular mass of 40.3 kDa after removal of the signal peptide. The apparent molecular mass of mGITR-hFc is approximately 35–55 kDa due to glycosylation.**Molecular Characterization:** Mouse GITR(Ser22-His153) hFc(Glu99-Ala330)**Purity:** 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.**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.

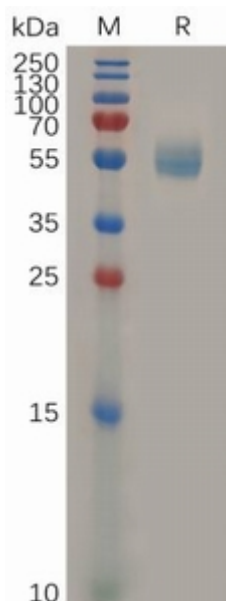


Figure 1. Mouse GITR Protein, hFc Tag on SDS-PAGE under reducing condition.