

## 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.

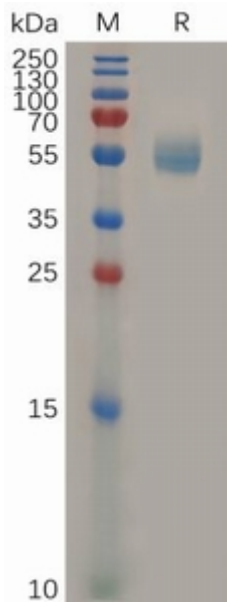


Figure 1. Mouse GITR Protein, hFc Tag on SDS-PAGE under reducing condition.