

MOUSE CTLA4 PROTEIN, HFC TAG**Cat.#:** 12134**Product Name:** Mouse CTLA4 Protein**Size:** 10 µg, 50 µg and 100 µg**Synonyms:** Cd152;Ctla;Ctla-4;Ly-5;Ly-56**Target:** CTLA4**UNIPROT ID:** P09793**Description:** Recombinant mouse CTLA4 protein with C-terminal human Fc tag**Background:** This gene is a member of the immunoglobulin superfamily, and encodes a protein that functions as a negative regulator of T-cell responses. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Aug 2013]**Species/Host:** HEK293**Molecular Weight:** 40.1 kDa after removal of the signal peptide. The apparent molecular mass of mCTLA4-hFc is approximately 55-70 kDa due to glycosylation.**Molecular Characterization:** Mouse CTLA4(Glu36-Phe162) 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.

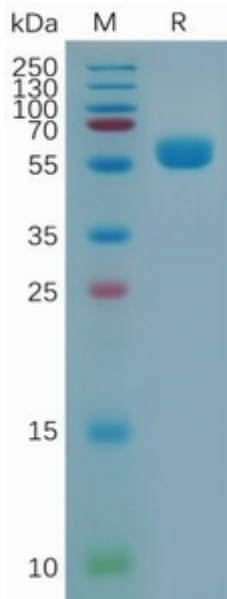


Figure 1. Mouse CTLA4 Protein, hFc Tag on SDS-PAGE under reducing condition.