

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.

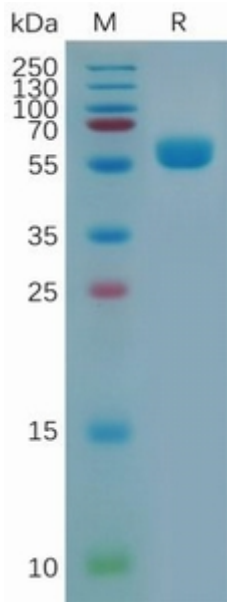


Figure 1. Mouse CTLA4 Protein, hFc Tag on SDS-PAGE under reducing condition.