

## HUMAN CT83 PROTEIN, HFC TAG

**Cat.#:** 11752

**Product Name:** Human CT83 Protein

**Size:** 10 µg, 50 µg and 100 µg

**Synonyms:** CXorf61;KK-LC-1;KKLC1

**Target:** CT83

**UNIPROT ID:** Q5H943

**Description:** Recombinant Human CT83 with N-terminal human Fc tag

**Background:** CT83 (Cancer/Testis Antigen 83) is a Protein Coding gene. Diseases associated with CT83 include Lung Cancer.

**Species/Host:** HEK293

**Molecular Weight:** The protein has a predicted molecular mass of 34.7 kDa after removal of the signal peptide. The apparent molecular mass of hFc-CT83 is approximately 25–35 kDa due to glycosylation.

**Molecular Characterization:** hFc(Glu99–Ala330) CT83(Arg22–Thr113)

**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.

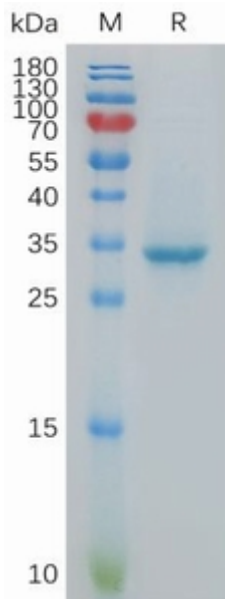


Figure 1. Human CT83 Protein, hFc Tag on SDS-PAGE under reducing condition.