

## MOUSE CD30 PROTEIN, HFC TAG

**Cat.#:** 12143

**Product Name:** Mouse CD30 Protein

**Size:** 10 µg, 50 µg and 100 µg

**Synonyms:** Tnfrsf8;DIS166E;Ki;Ki-1

**Target:** CD30

**UNIPROT ID:** Q60846

**Description:** Recombinant mouse CD30 protein with C-terminal human Fc tag

**Background:** Receptor for TNFSF8/CD30L (PubMed:8543792). May play a role in the regulation of cellular growth and transformation of activated lymphoblasts. Regulates gene expression through activation of NF-kappa-B (By similarity).[UniProtKB/Swiss-Prot Function]

**Species/Host:** HEK293

**Molecular Weight:** The protein has a predicted molecular mass of 54.4 kDa after removal of the signal peptide. The apparent molecular mass of mCD30-hFc is approximately 55-100 kDa due to glycosylation.

**Molecular Characterization:** Mouse CD30(Phe19-Gly287) 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.

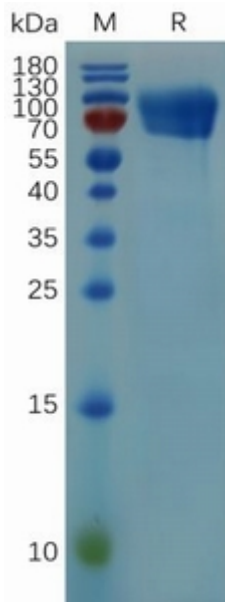


Figure 1. Mouse CD30 Protein, hFc Tag on SDS-PAGE under reducing condition.