

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.

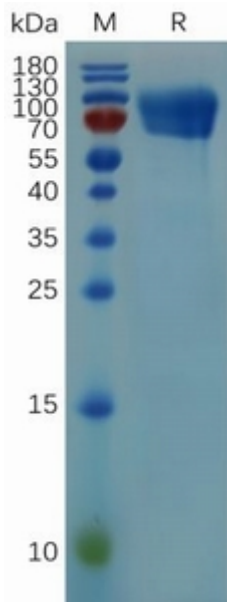


Figure 1. Mouse CD30 Protein, hFc Tag on SDS-PAGE under reducing condition.