

HUMAN CD72 PROTEIN, HFC TAG

Cat.#: 11555

Product Name: Human CD72 Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: Lyb-2

Target: CD72

UNIPROT ID: P21854

Description: Recombinant human CD72 protein with N-terminal human Fc tag

Background: Plays a role in B-cell proliferation and differentiation.[UniProtKB/Swiss-Prot Function]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 54.2 kDa after removal of the signal peptide. The apparent molecular mass of hFc-CD72 is approximately 55-70 kDa due to glycosylation.

Molecular Characterization: hFc(Glu99-Ala330) CD72(Arg117-Asp359)

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.

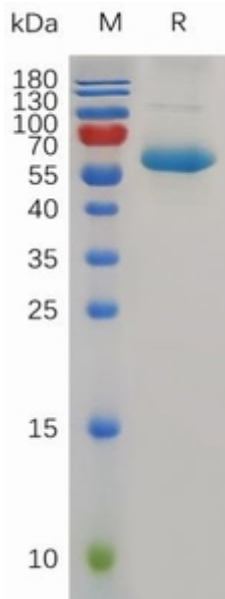


Figure 1. Human CD72 Protein, hFc Tag on SDS-PAGE under reducing condition.