

HUMAN CD52 PROTEIN, HFC TAG

Cat.#: 11564

Product Name: Human CD52 Protein

Size : 10 µg, 50 µg and 100 µg

Synonyms: CDW52;HE5;CAMPATH-1 antigen

Target: CD52

UNIPROT ID: P31358

Description: Recombinant human CD52 protein with C-terminal human Fc tag

Background: CD52 (CD52 Molecule) is a Protein Coding gene. Diseases associated with CD52 include Prolymphocytic Leukemia and Lymphocytic Leukemia. Among its related pathways are Metabolism of proteins and Post-translational modification- synthesis of GPI-anchored proteins.

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 27.3 kDa after removal of the signal peptide. The apparent molecular mass of CD52-hFc is approximately 35-40 kDa due to glycosylation.

Molecular Characterization: CD52(Gly25-Ser36) 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.

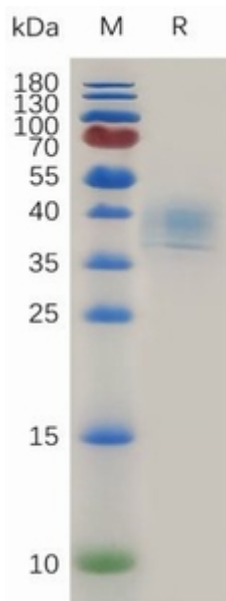


Figure 1. Human CD52 Protein, hFc Tag on SDS-PAGE under reducing condition.