

HUMAN CD52 PROTEIN, MFC TAG**Cat.#:** 11185**Product Name:** Human CD52 Protein**Size:** 10 µg, 50 µg and 100 µg**Synonyms:** CDW52;HE5;CD52;CAMPATH-1 antigen**Target:** CD52**UNIPROT ID:** P31358**Description:** Recombinant human CD52 Protein with C-terminal Mouse 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 28.3 kDa after removal of the signal peptide. The apparent molecular mass of CD52-mFc is approximately 33-53 kDa due to glycosylation.**Molecular Characterization:** CD52(Gly25-Ser36) mFc(Pro99-Lys330)**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.

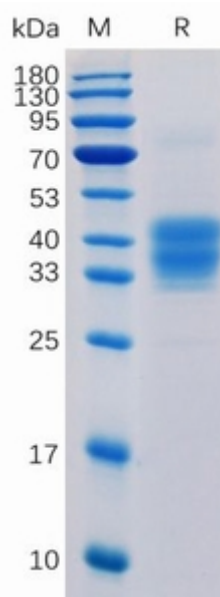


Figure 1. Human CD52 Protein, mFc Tag on SDS-PAGE under reducing condition.