PRODUCT INFORMATION

Target	CD52
Synonyms	CDW52;HE5;CAMPATH-1 antigen
Description	Recombinant human CD52 protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P31358
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	CD52(Gly25-Ser36) hFc(Glu99-Ala330)
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.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
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.
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.
Usage	Research use only
Conjugate	Unconjugated

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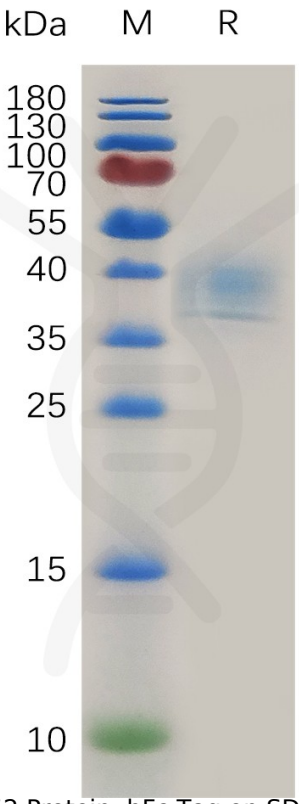


Figure 1. Human CD52 Protein, hFc Tag on SDS-PAGE under reducing condition.

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