## PRODUCT INFORMATION

| Target | CD52 |
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| Synonyms | CDW52;HE5;CAMPATH-1 antigen |
| Description | Recombinant human CD52 protein with Cterminal 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. Store at $-20^{\circ} \mathrm{C}$ to $-80^{\circ} \mathrm{C}$ for 12 months in lyophilized form. After reconstitution, if not |
| Storage \& Shipping | intended for use within a month, aliquot and store at $-80^{\circ} \mathrm{C}$ (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. <br> CD52 (CD52 Molecule) is a Protein Coding gene. Diseases associated with CD52 include |
| Background | 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 |



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

