

PRODUCT INFORMATION

|                              |   |
|------------------------------|---|
| Target                       | CD22  |
| Synonyms                     | SIGLEC2; SIGLEC-2   |
| Description                  | Recombinant human CD22(417-678) Protein with C-terminal mouse Fc tag  |
| Delivery                     | In Stock  |
| Uniprot ID                   | P20273  |
| Expression Host              | HEK293  |
| Tag                          | C-mouse Fc tag  |
| Molecular Characterization   | CD22(Tyr417-Tyr678) mFc(Pro99-Lys330)   |
| Molecular Weight             | The protein has a predicted molecular mass of 55.5 kDa after removal of the signal peptide. The apparent molecular mass of CD22(417-678)-mFc is approximately 70-100 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.  |
| 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                   | Predicted to enable CD4 receptor binding activity; protein phosphatase binding activity; and sialic acid binding activity. Involved in B cell activation; negative regulation of B cell receptor signaling pathway; and regulation of endocytosis. Located in early endosome and recycling endosome. [provided by Alliance of Genome Resources, Apr 2022] |
| Usage                        | Research use only   |
| Conjugate                    | Unconjugated  |



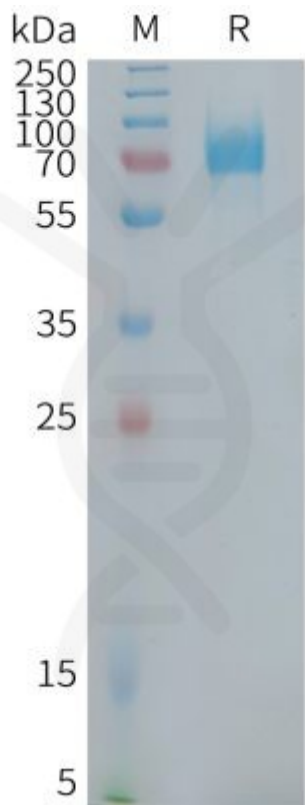


Figure 1. Human CD22(417-678) Protein, mFc Tag on SDS-PAGE under reducing condition.

