

## Active Recombinant Human CD22 Protein, hFc-tagged

**Cat. No.** CD22-596H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CD22 Protein(Asp20-Arg687), fused with hFc tag, was expressed in HEK293.                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                           |
| <b>Source</b>           | HEK293                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | Asp20-Arg687                                                                                                                                                                                                    |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in PBS, pH7.4.                                                                                                                                                       |
| <b>Bio-activity</b>     | When Recombinant Human CD22/ hFC Protein is immobilized at 2µg/mL (100 µL/well), the concentration of Anti-Human CD22(pinatuzumab) that produces 50% of the optimal binding response is approximately 60 ng/mL. |
| <b>Molecular Mass</b>   | The protein has a calculated MW of 101kDa.The reducing (R) heterodimer protein migrates as 130-150 kDa due to glycosylation                                                                                     |
| <b>Endotoxin</b>        | <1EU/mg                                                                                                                                                                                                         |
| <b>Purity</b>           | SDS-PAGE>95%                                                                                                                                                                                                    |
| <b>Storage</b>          | Store at -20°C.                                                                                                                                                                                                 |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of                                                                                                                        |

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** [CD22 CD22 molecule \[ Homo sapiens \]](#)

**Official Symbol** [CD22](#)

**Synonyms**

CD22; CD22 molecule; CD22 antigen; B-cell receptor CD22; sialic acid binding Ig like lectin 2; SIGLEC 2; SIGLEC2; BL-CAM; T-cell surface antigen Leu-14; B-lymphocyte cell adhesion molecule; sialic acid binding Ig-like lectin 2; sialic acid-binding Ig-like lectin 2; SIGLEC-2; FLJ22814; MGC130020;

**Gene ID** [933](#)

**mRNA Refseq** [NM\\_001185099](#)

**Protein Refseq** [NP\\_001172028](#)

**MIM** [107266](#)

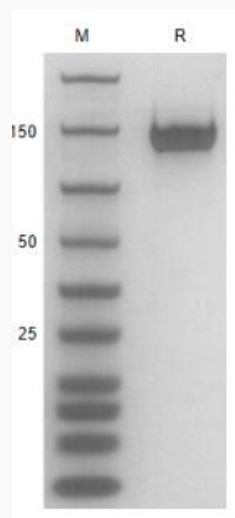
**UniProt ID** [P20273](#)

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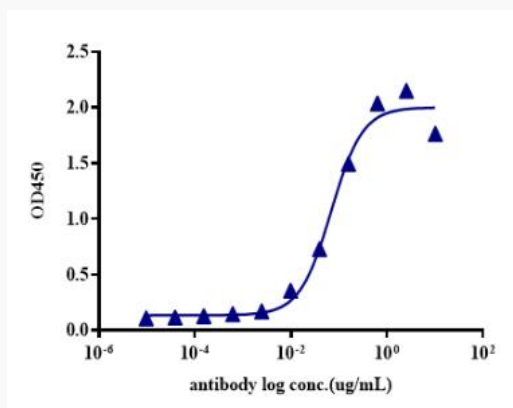
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## SDS-PAGE



## ELISA



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