

Datasheet for ABIN6961078  
**CD22 Protein (Fc-His Tag)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µg
Target:	CD22
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD22 protein is labelled with Fc-His Tag.
Application:	ELISA

## Product Details

Purpose:	Recombinant human CD22 protein with C-terminal human Fc and 6xHis tag
Specificity:	CD22 (Asp20-Arg687) hFc (Glu99-Ala330) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

## Target Details

Target:	CD22
Alternative Name:	CD22 ( <a href="#">CD22 Products</a> )
Background:	Synonymes: CD22, SIGLEC2, BL-CAM, SIGLEC-2, Siglec2, SIGLEC2FLJ22814

## Target Details

Description: B-cell receptor CD22 is also known as Sialic acid-binding Ig-like lectin 2 (Siglec-2), B-lymphocyte cell adhesion molecule (BL-CAM), T-cell surface antigen Leu-14, which belongs to the immunoglobulin superfamily and SIGLEC (sialic acid binding Ig-like lectin) family. CD22 mediates B-cell B-cell interactions, and may be involved in the localization of B-cells in lymphoid tissues. Siglec-2 / CD22 binds sialylated glycoproteins, one of which is CD45. Siglec2 / CD22 plays a role in positive regulation through interaction with Src family tyrosine kinases and may also act as an inhibitory receptor by recruiting cytoplasmic phosphatases via their SH2 domains that block signal transduction through dephosphorylation of signaling molecules.

Molecular Weight: predicted molecular mass of 102.1 kDa after removal of the signal peptide. The apparent molecular mass of CD22-hFc-His is 130-180 kDa due to glycosylation.

Gene ID: 933

UniProt: [P20273](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Reconstitute with deionized water

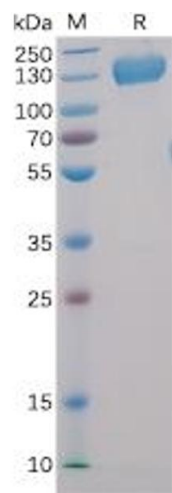
Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Preservative: Without preservative

Storage: -20 °C, -80 °C

Storage Comment: 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.

Expiry Date: 12 months



SDS-PAGE

**Image 1.** Human CD22, hFc-His Tag on SDS-PAGE under reducing condition.