

Datasheet for ABIN7491121  
**CD22 Protein (AA 19-708) (His tag)**



[Go to Product page](#)

1 Image

## Overview

Quantity:	100 µg
Target:	CD22
Protein Characteristics:	AA 19-708
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD22 protein is labelled with His tag.

## Product Details

Purpose:	Recombinant mouse CD22 protein with C-terminal 6xHis tag
Specificity:	Mouse CD22 (Arg19-Arg708) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

## Target Details

Target:	CD22
Alternative Name:	CD22 ( <a href="#">CD22 Products</a> )
Background:	Mediates B-cell B-cell interactions. May be involved in the localization of B-cells in lymphoid

## Target Details

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tissues. Binds sialylated glycoproteins, one of which is CD45. Preferentially binds to alpha-2, 6-linked sialic acid. The sialic acid recognition site can be masked by cis interactions with sialic acids on the same cell surface. Upon ligand induced tyrosine phosphorylation in the immune response seems to be involved in regulation of B-cell antigen receptor signaling. 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.[UniProtKB/Swiss-Prot Function]

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Molecular Weight: predicted molecular mass of 78.2kDa after removal of the signal peptide. The apparent molecular mass of mCD22-His is 130-180 kDa due to glycosylation.

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UniProt: [P35329](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

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

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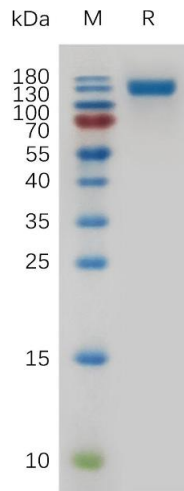
Storage: -20 °C,-80 °C

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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.

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Expiry Date: 12 months



### SDS-PAGE

**Image 1.** Mouse CD22 Protein, His Tag on SDS-PAGE under reducing condition.