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Datasheet for ABIN7538163

CD22 Protein (AA 417-678) (Fc Tag)

1 Image

Overview

Quantity:	50 µg
Target:	CD22
Protein Characteristics:	AA 417-678
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD22 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant human CD22(417-678) Protein with C-terminal human Fc tag
Specificity:	CD22 (Tyr417-Tyr678) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
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 (CD22 Products)
Background:	Predicted to enable CD4 receptor binding activity, protein phosphatase binding activity, and

Target Details

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]

Molecular Weight: predicted molecular mass of 55.4 kDa after removal of the signal peptide. The apparent molecular mass of CD22(417-678)-hFc is 70-100 kDa due to glycosylation.

UniProt: [P20273](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

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

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

Images



SDS-PAGE

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