

Recombinant Human CD22 Protein, hFc, Avi tagged, Biotinylated

Cat. No. CD22-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human CD22 (C-hFc) is produced by Human Cells. The target gene encoding Asp20-Arg687 is expressed with a C-hFc, Avi tag.
Species	Human
Source	Human Cells
ProteinLength	Asp20-Arg687
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.
Endotoxin	Less than 0.1 ng/μg (1 EU/μg)
Storage Buffer	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4
Shipping	Ambient

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Conjugation Biotin

GENE INFORMATION

Gene Name CD22 CD22 molecule [Homo sapiens (human)]

Official Symbol CD22

Synonyms CD22; SIGLEC2; BL-CAM; SIGLEC-2; Siglec2; SIGLEC2FLJ22814

Gene ID 933

mRNA Refseq NM_001185099

Protein Refseq NP_001172028

MIM 107266

UniProt ID P20273

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