

Recombinant Human CD22 Protein, Fc\Avi-tagged

Cat. No. CD22-173H **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
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.
Source	Human Cells
Species	Human
Tag	Fc&Avi
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4

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AA Sequence	Asp20-Arg687
Endotoxin	Less than 0.1 ng/ug (1 EU/ug).
Shipping	Ambient

GENE INFORMATION

Gene Name	CD22 CD22 molecule [Homo sapiens (human)]
Official Symbol	CD22
Synonyms	SIGLEC2; BL-CAM; SIGLEC-2; Siglec2; SIGLEC2FLJ22814
Gene ID	933
mRNA Refseq	NM_001185099.2
Protein Refseq	NP_001172028.1
MIM	107266
UniProt ID	P20273

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