

Active Recombinant Human CD22 protein, His-tagged

Cat. No. CD22-3946H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD22 protein(P20273-1)(Met1-Arg687), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Arg687
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized human CD22 at 0.02 µg/ml (100uL/well) can bind anti-human CD22 Mab with a linear range of 0.2-50 ng/ml.
Molecular Mass	The recombinant human CD22 consists of 679 amino acids and predicts a molecular mass of 76.6 kDa. As a result of glycosylation, it migrates as an approximately 108 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	≥ 95 % as determined by SDS-PAGE. ≥ 90 % as determined by SEC-HPLC.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [CD22 CD22 molecule \[Homo sapiens \]](#)

Official Symbol [CD22](#)

Synonyms

CD22; CD22 molecule; CD22 antigen; B-cell receptor CD22; sialic acid binding Ig like lectin 2; SIGLEC 2; SIGLEC2; BL-CAM; T-cell surface antigen Leu-14; B-lymphocyte cell adhesion molecule; sialic acid binding Ig-like lectin 2; sialic acid-binding Ig-like lectin 2; SIGLEC-2; FLJ22814; MGC130020;

Gene ID [933](#)

mRNA Refseq [NM_001185099](#)

Protein Refseq [NP_001172028](#)

MIM [107266](#)

UniProt ID [P20273](#)

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