

## Active Recombinant Human CD22 protein, His-tagged, FITC-Labeled

Cat. No. CD22-0666H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	FITC-Labeled Recombinant Human CD22 protein(Asp20-Arg687), fused with His tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	20-687 a.a.
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Immobilized Monoclonal Anti-Human CD22 Antibody, Human IgG1 at 10 µg/mL (100 µL/well) can bind FITC-Labeled Human Siglec-2, His Tag with a linear range of 0.078-5 µg/mL.
<b>Molecular Mass</b>	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 77.0 kDa. The protein migrates as 100-120 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Proteinlength</b>	Asp20-Arg687
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.

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<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	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.
<b>Conjugation</b>	FITC

## GENE INFORMATION

<b>Gene Name</b>	CD22 CD22 molecule [ Homo sapiens ]
<b>Official Symbol</b>	CD22
<b>Synonyms</b>	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;
<b>Gene ID</b>	933
<b>mRNA Refseq</b>	NM_001185099
<b>Protein Refseq</b>	NP_001172028
<b>MIM</b>	107266
<b>UniProt ID</b>	P20273

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