

Recombinant Human CD22 Protein, Fc-tagged, Alexa Fluor 555 conjugated

Cat. No. CD22-562HAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 555 conjugated recombinant human CD22(Met1-Arg687) fused with Fc region of human IgG1 at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Asp20-Arg687, 906
Form	Lyophilized
Molecular Mass	101.9 kDa
N-terminal Sequence Analysis	Asp 20
Endotoxin	< 1.0 EU/ µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 555 via amines With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard

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TRITC/Cy3 filters.

Stability

Samples are stable for up to 12 months from date of receipt at -70 centigrade.

Storage

Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage Buffer

Lyophilized from sterile PBS, pH 7.4. Normally 5%-8% trehalose and mannitol are added as protectants before lyophilization.

Conjugation

Alexa Fluor 555

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_001771

Protein Refseq

NP_001762

MIM

107266

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UniProt ID

P20273

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