

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

**Cat. No.** CD22-482HAF555    **Lot. No.** (See product label)

## SPECIFICATION

|                                     |  |
|-------------------------------------|--|
| <b>Product Overview</b>             | Alexa Fluor 555 conjugated recombinant human CD22 (Accession # CAA42006) was produced in Mouse myeloma cell line, NS0-derived.   |
| <b>Species</b>                      | Human  |
| <b>Source</b>                       | Mammalian Cells  |
| <b>Form</b>                         | Lyophilized  |
| <b>Bio-activity</b>                 | Measured by the ability of the immobilized protein to support the adhesion of human red blood cells. The ED50 for this effect is typically 0.03 - 0.15 µg/mL.  |
| <b>Molecular Mass</b>               | Recombinant Human CD22, Fc Chimera has a calculated MW of 101.9 kDa (monomer). In SDS-PAGE migrates as 122-127 kDa, reducing conditions.   |
| <b>N-terminal Sequence Analysis</b> | Asp 20   |
| <b>Purity</b>                       | > 95 % by SDS-PAGE under reducing conditions and visualized by silver stain.   |
| <b>Characteristic</b>               | Disulfide-linked homodimer<br>Labeled with Alexa Fluor 555 via amines<br>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.

**Storage**

Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4 centigrade); After reconstitution under sterile conditions for 3 months (-70 centigrade).

**Storage Buffer**

Lyophilized from a 0.2 µm filtered solution in PBS.

**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\_001185099

**Protein Refseq**

NP\_001172028

**MIM**

107266

**UniProt ID**

P20273

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