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

**Cat. No.** CD22-0664H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | FITC-Labeled Recombinant Human CD22 protein(Asp20-Arg687), fused with Fc tag, was expressed in HEK293. |
| **Species** | Human |
| **Source** | HEK293 |
| **ProteinLength** | 20-687 a.a. |
| **Form** | Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization. |
| **Bio-activity** | Immobilized Monoclonal Anti-Human Siglec-2 Antibody, Human IgG1 at 1 μg/mL (100 μL/well) can bind FITC-Labeled Human Siglec-2, Fc Tag with a linear range of 0.1-2.5 μg/mL. |
| **Molecular Mass** | This protein carries a human IgG1 Fc tag at the C-terminus.The protein has a calculated MW of 101.6 kDa. The protein migrates as 130-150 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation. |
| **Proteinlength** | Asp20-Arg687 |
| **Endotoxin** | Less than 1.0 EU per μg by the LAL method. |

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| **Purity** | >95% as determined by SDS-PAGE. |
| **Storage** | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid 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. |
| **Conjugation** | FITC |

## GENE INFORMATION

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| **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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