Active Recombinant Human CD22 Protein, Fc-tagged, Alexa Fluor 647 conjugated

Cat. No. CD22-482HAF647 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 647 conjugated recombinant human CD22 (Accession # CAA42006) was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
Form	Lyophilized
Bio-activity	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.
Molecular Mass	Recombinant Human CD22, Fc Chimera has a calculated MW of 101.9 kDa (monomer). In SDS-PAGE migrates as 122-127 kDa, reducing conditions.
N-terminal Sequence Analysis	Asp 20
Purity	> 95 % by SDS-PAGE under reducing conditions and visualized by silver stain.
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 647 via amines Excitation = 650 nm Emission = 668 nm

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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 647

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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