

Recombinant Human CD55 Protein, Fc-tagged, Alexa Fluor 555 conjugated

Cat. No. CD55-64HAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview Alexa Fluor 555 conjugated recombinant human CD55 precursor (NP_000565.1) (Met 1-Ser 353), fused with the C-terminal Fc region of human IgG1, was produced in Human Cell.

Species Human

Source HEK293

ProteinLength 557

Form Lyophilized

Molecular Mass The recombinant human CD55/Fc is a disulfide-linked homodimeric protein. The reduced monomer consists of 557 amino acids and has a predicted molecular mass of 61.7 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhCD55/Fc monomer is approximately 95-105 kDa due to glycosylation.

Endotoxin < 1.0 EU/ µg of the protein as determined by the LAL method.

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 TRITC/Cy3 filters.

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|-----------------------|---|
| 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 -70 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 |
| Reconstitution | It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents. |
| Conjugation | Alexa Fluor 555 |

GENE INFORMATION

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|------------------------|--|
| Gene Name | CD55 CD55 molecule, decay accelerating factor for complement (Cromer blood group) [Homo sapiens] |
| Official Symbol | CD55 |
| Gene ID | 1604 |
| mRNA Refseq | NM_000574 |
| Protein Refseq | NP_000565 |
| MIM | 125240 |
| UniProt ID | P08174 |

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