

## Active Recombinant Human CD55 protein, hFc-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Active Recombinant Human CD55 protein(NP_000565.1) (Met 1-Ser 353) was expressed in Human Cells with the C-terminal fused Fc region of human IgG1.
<b>Species</b>	Human
<b>Source</b>	Human Cells
<b>ProteinLength</b>	1-353 aa
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4.
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA. Immobilized recombinant human CD97 at 10 µg/ml (100 µl/well) can bind recombinant human CD55 at a linear range of 0.46-30 µg/ml.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Storage</b>	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to

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aliquot the protein into smaller quantities for optimal storage. 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.

## GENE INFORMATION

**Gene Name**

CD55 CD55 molecule, decay accelerating factor for complement (Cromer blood group) [ Homo sapiens ]

**Official Symbol**

CD55

**Synonyms**

CD55; CD55 molecule, decay accelerating factor for complement (Cromer blood group); DAF, decay accelerating factor for complement (CD55, Cromer blood group system); complement decay-accelerating factor; CR; CROM; TC; CD55 antigen; DAF;

**Gene ID**

1604

**mRNA Refseq**

NM\_000574

**Protein Refseq**

NP\_000565

**MIM**

125240

**UniProt ID**

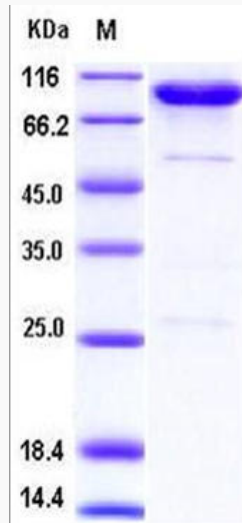
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SDS-PAGE



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