

## Recombinant Human CD55 Protein, His-tagged

**Cat. No.** CD55-151H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CD55 molecule(Cromer blood group)(CD55), transcript variant 1(NM_000574), with a His tag, was expressed in human cells.
<b>Species</b>	Human
<b>Source</b>	Human Cells
<b>Description</b>	This gene encodes a glycoprotein involved in the regulation of the complement cascade. Binding of the encoded protein to complement proteins accelerates their decay, thereby disrupting the cascade and preventing damage to host cells. Antigens present on this protein constitute the Cromer blood group system (CROM). Alternative splicing results in multiple transcript variants. The predominant transcript variant encodes a membrane-bound protein, but alternatively spliced transcripts may produce soluble proteins.
<b>Form</b>	Purified protein formulated in a sterile solution of TBS buffer, pH7.140, without any preservatives.
<b>Molecular Mass</b>	41.2 kDa
<b>Endotoxin</b>	Endotoxin level is < 0.1 ng/g of protein (<1EU /g)
<b>Purity</b>	>90% by SDS-PAGE gel and Coomassie Blue staining
<b>Applications</b>	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and

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protein-protein interaction studies.

## GENE INFORMATION

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

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