

Recombinant Human CD55 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human CD55 molecule(Cromer blood group)(CD55), transcript variant 1(NM_000574), with a His tag, was expressed in human cells.
Species	Human
Source	Human Cells
Description	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.
Form	Purified protein formulated in a sterile solution of TBS buffer, pH7.140, without any preservatives.
Molecular Mass	41.2 kDa
Endotoxin	Endotoxin level is < 0.1 ng/g of protein (<1EU /g)
Purity	>90% by SDS-PAGE gel and Coomassie Blue staining
Applications	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and

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protein-protein interaction studies.

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	P08174

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