

## Recombinant Human CD55 Protein, GST-tagged

Cat. No. CD55-2325H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human DAF full-length ORF ( NP_000565.1, 1 a.a. - 381 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<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. [provided by RefSeq, Jul 2014]
<b>Molecular Mass</b>	67.8 kDa
<b>AA Sequence</b>	MTVARPSVPAALPLLGELPRLLLLVLLCLPAVWGDCGLPPDVPNAQPALEGRTSFPE DTVITYKCEESFVKIPGEKDSVICLKGSQWSDIEEFCNRSCEVPTRLNSASLKQPYIT QNYFPVGTVEYECRPGYRREPSLSPKLTCLQNLKWSTAVEFCKKKSCPNPGEIRN GQIDVPGGILFGATISFSCNTGYKLFGSTSSFCLISGSSVQWSDPLPECREIYCPAPP QIDNGIIQGERDHYGYRQSVTYACNKGFTMIGEHSIYCTVNNDEGEWSGPPPECRG KSLTSKVPPTVQKPTTVNVPPTTEVSPTSQKTTTTKTTTPNAQATRSTPVSRTTKHFHE TTPNKGSGTTSGETRLLSGHTCFTLTGLLGLVTMGLLT

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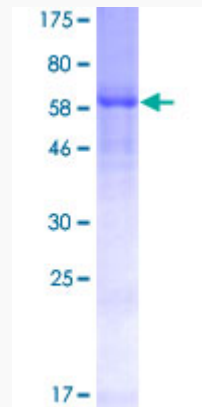
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## 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

**Quality Control**

**Testing:**



12.5% SDS-PAGE Stained with Coomassie Blue.

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