

Recombinant Human CD55 Protein, GST-tagged

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

SPECIFICATION

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

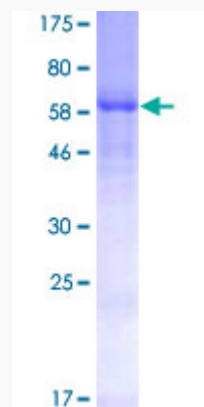
 45-1 Ramsey Road, Shirley, NY 11967, USA

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

12.5% SDS-PAGE Stained with Coomassie Blue.

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