



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Datasheet

### CD55 (Human) Recombinant Protein

**Catalog Number:** P9092

**Regulation Status:** For research use only (RUO)

**Product Description:** Human CD55 (P08174, 35 a.a. - 353 a.a.) partial-length recombinant protein with His tag at C-Terminus expressed in *Baculovirus*.

**Sequence:**

ADPDCGLPPDVPNAQPALEGRTSFPEDEVITYKCEES  
FVKIPGEKDSVICKLGSQWSDIEEFCNRSCEVPTLNS  
ASLKQPYITQNYFPVGTVEVEYECRPGYRREPSLSPKLT  
CLQNLKWSTAVEFCKKKSCPNPGEIRNGQIDVPGGILF  
GATISFSCNTGYKLFGSTSSFCLISGSSVQWSDPLPEC  
REIYCPAPPQIDNGIIQGERDHYGYRQSVTYACNKGFT  
MIGEHSIYCTVNNDEGEWSGPPPECRGKSLTSKVPPT  
VQKPTTVNVPTTEVSPTSQKTTTKTTTPNAQATRSTPV  
SRTTKHFHETTPNKGSGTSSHSHHHH.

**Host:** *Nicotianab enthamiana*

**Theoretical MW (kDa):** 36

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product  
page for detailed protocols

**Form:** Liquid

**Preparation Method:** *Baculovirus* expression system

**Purity:** > 95% by SDS-PAGE.

**Storage Buffer:** PBS (pH7.4) and 10% glycerol.

**Storage Instruction:** Store at -20°C. Aliquot the product  
after reconstitution to avoid repeated freezing/thawing  
cycles.

**Entrez GeneID:** 1604

**Gene Symbol:** CD55

**Gene Alias:** CR, CROM, DAF, TC

**Gene Summary:** This gene encodes a protein involved  
in the regulation of the complement cascade. The  
encoded glycoprotein is also known as the decay-

accelerating factor (DAF); binding of DAF to complement proteins accelerates their decay, disrupting the cascade and preventing damage to host cells. Antigens present on the DAF glycoprotein constitute the Cromer blood group system (CROM). Two alternatively spliced transcripts encoding different proteins have been identified. The predominant transcript encodes a membrane-bound protein expressed on cells exposed to plasma component proteins but an alternatively spliced transcript produces a soluble protein present at much lower levels. Additional, alternatively spliced transcript variants have been described, but their biological validity has not been determined. [provided by RefSeq]