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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

www.szabo-scandic.com

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

Datasheet

CD59 (Human) Recombinant Protein

Catalog Number: P9097

Regulation Status: For research use only (RUO)

Product Description: Human CD59 (P13987, 26 a.a. - 102 a.a.) partial-length recombinant protein with His tag at N-Terminus expressed in *Escherichia coli*.

Sequence:

MGSSHHHHHHSSGLVPRGSHMGS LQCYNCPNPTAD
CKTAVNCSSDFDA CLITKAGLVYNKCWKFEHCNFND
VTTRLRENELTYCCKKDLCNFNEQLEN.

Host: *Escherichia coli*

Theoretical MW (kDa): 11.3

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

Form: Liquid

Preparation Method: *Escherichia coli* expression
system

Purity: > 85% by SDS-PAGE.

Storage Buffer: 20mM Tris-HCl buffer (pH 8.0), 0.15M
NaCl, 1mM DTT and 10% glycerol.

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

Entrez GeneID: 966

Gene Symbol: CD59

Gene Alias: 16.3A5, 1F5, EJ16, EJ30, EL32, FLJ38134,
FLJ92039, G344, HRF-20, HRF20, MAC-IP, MACIF,
MEM43, MGC2354, MIC11, MIN1, MIN2, MIN3, MIRL,
MSK21, p18-20

Gene Summary: This gene encodes a cell surface
glycoprotein that regulates complement-mediated cell
lysis, and it is involved in lymphocyte signal transduction.
This protein is a potent inhibitor of the complement

membrane attack complex, whereby it binds
complement C8 and/or C9 during the assembly of this
complex, thereby inhibiting the incorporation of multiple
copies of C9 into the complex, which is necessary for
osmolytic pore formation. This protein also plays a role
in signal transduction pathways in the activation of T
cells. Mutations in this gene cause CD59 deficiency, a
disease resulting in hemolytic anemia and thrombosis,
and which causes cerebral infarction. Multiple
alternatively spliced transcript variants, which encode
the same protein, have been identified for this gene.
[provided by RefSeq]