



# 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) 

## CD59 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00000966-T02

規格 : [ 100 uL ]

[List All](#)

### Specification

**Transfected Cell Line:** 293T

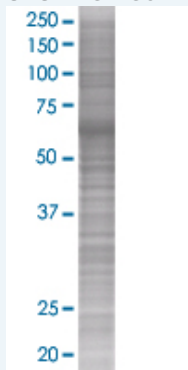
**Plasmid:** pCMV-CD59 full-length

**Host:** Human

**Theoretical MW (kDa):** 14.19

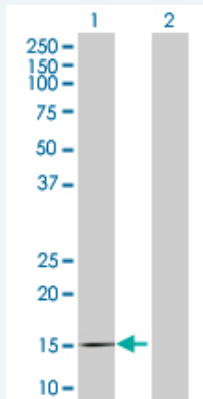
**Quality Control Testing:** Transient overexpression cell lysate was tested with Anti-CD59 antibody (H00000966-B02) by Western Blots.

#### SDS-PAGE Gel



CD59 transfected lysate.

#### Western Blot



Lane 1: CD59 transfected lysate ( 14.19 KDa)

Lane 2: Non-transfected lysate.

**Storage Buffer:** 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**MSDS:**  [Download](#)

### Applications

### Application Image

Western Blot

## Western Blot

### Gene Information

Entrez GeneID: [966](#)

GeneBank Accession#: [NM\\_000611](#)

Protein Accession#: [NP\\_000602](#)

Gene Name: 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 Description: CD59 molecule, complement regulatory protein

Omim ID: [107271](#)

Gene Ontology: [Hyperlink](#)

**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]

**Other Designations:** 20 kDa homologous restriction factor, CD59 antigen, CD59 antigen p18-20 (antigen identified by monoclonal antibodies [16.3A5](#), [EJ16](#), [EJ30](#), [EL32](#) and [G344](#)), CD59 glycoprotein, Ly-6-like protein, T cell-activating protein, human leukocyte antigen MIC11, lymphocytic a

### Gene Pathway

[Complement and coagulation cascades](#) [Hematopoietic cell lineage](#)

### Related Disease

[Genetic Predisposition to Disease](#) [Lymphoma, Non-Hodgkin](#) [Macular Degeneration](#)