



# 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) 

Technically  
Speaking

**CEDARLANE**<sup>®</sup>  
[www.cedarlanelabs.com](http://www.cedarlanelabs.com)



Conveniently Delivering You Today's Innovations  
for the Science of Tomorrow™

## Recombinant Coronavirus 2019 Nucleocapsid

CLSARS013  
CLSARS013-2  
CLSARS013-3

**Introduction:** A human infecting coronavirus (viral pneumonia) called 2019 novel coronavirus, 2019-nCoV was found in the fish market at the city of Wuhan, Hubei province of China on December 2019. The 2019-nCoV shares an 87% identity to the 2 bat-derived severe acute respiratory syndrome 2018 SARS-CoV-2 located in Zhoushan of eastern China. 2019-nCoV has an analogous receptor-BD-structure to that of 2018 SARS-CoV, even though there is a.a. diversity so thus the 2019-nCoV might bind to ACE2 receptor protein (angiotensin-converting enzyme 2) in humans. While bats are possibly the host of 2019-nCoV, researchers suspect that animal from the ocean sold at the seafood market was an intermediate host. RSCU analysis proposes that the 2019-nCoV is a recombinant within the viral spike glycoprotein between the bat coronavirus and an unknown coronavirus.

**Description:** The E.Coli derived recombinant protein contains the Coronavirus 2019 full-length nucleocapsid: Gene bank- MN908947, fused to 6xHis tag at C-terminal and having a Mw. Of 48 kDa as appears on SDS-PAGE.

**Source:** *Escherichia coli*.

**Presentation:** 50 µg (CLSARS013), 250 µg (CLSARS013-2), or 1 mg (CLSARS013-3), sterile filtered clear solution. CoV 2019 protein solution is supplied in PBS and 25mM K<sub>2</sub>CO<sub>3</sub>.

**Stability:** CoV 2019 Nucleocapsid protein is shipped on ice packs. Upon arrival, Store at -20°C.

**Purity:** CoV 2019 Nucleocapsid protein is >95% pure as determined by SDS-PAGE.

**AA Sequence:**

MSDNGPQNQRNAPRITFGGSPDSTGSNQNNGERSGARSKQRRPQGLPNNTASWFTALTQHGKEDLKFPGRGQ  
GVPINTNSSPDDQIGYYRRATRRIRGGDGKMKDLSRWYFYLLGTGPEAGLPYGANKDGIIWVATEGALN  
TPKDHIGTRNPANNAIVLQLPQGTTLPKGFYAEGRGGSQASSRSSRSRNRSSRNSTPGSSRGTSPTARMAG  
NGGDAALALLLLDRLNQLESKMSGKGGQQGQTVTKKSAAEASKKPRQKRTATKAYNVTQAFGRRGPE  
QTQGNFGDQELIRQGTDYKHWPQIAQFAPSASAFFGMSRIGMEVTPSGTWLTYTGAIKLDDKDPNFKDQVI  
LLNKHIDAYKTFPPEPKKDKKKKADETQALPQRQKKQQTVLLPAADLDDFSKQLQSMSSADSTQA

Laboratory Reagent for Research Use Only

JK 02/23/22

Visit our website for your local distributor.

**CEDARLANE**<sup>®</sup>



[www.cedarlanelabs.com](http://www.cedarlanelabs.com)

An ISO 9001:2015 and ISO 13485:2016  
registered company.

In CANADA: Toll Free: 1-800-268-5058

4410 Paletta Court, Burlington, ON L7L 5R2 ph: (289) 288-0001, fax: (289) 288-0020  
e-mail: [general@cedarlanelabs.com](mailto:general@cedarlanelabs.com)

In the USA: Toll Free: 1-800-721-1644

1210 Turrentine Street, Burlington, NC 27215 ph: (336) 513-5135, fax: (336) 513-5138  
e-mail: [service@cedarlanelabs.com](mailto:service@cedarlanelabs.com)