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Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Recombinant Coronavirus 2019 Nucleocapsid (329 a.a.)

CLSARS044
CLSARS044-2
CLSARS044-3

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 C-terminal region 329 a.a. from the Nucleocapsid protein and fused to GST-6xHis tag at N-terminal and having a Mw. of 63.5 kDa.

Source: *Escherichia coli.*

Purification Method: NTA Sepharose-Affinity Purification.

Presentation: 50 µg (CLSARS044), 250 µg (CLSARS044-2), or 1 mg (CLSARS044-3), sterile filtered clear solution. CoV-2 Nucleocapsid protein solution is supplied in 50mM Tris-HCl pH 8, 1M Urea, and 50% Glycerol.

Stability: CoV-2 Spike Protein is shipped on ice packs. Upon arrival, Store at -20°C.

Purity: CoV-2 Nucleocapsid protein is >95% pure as determined SDS-PAGE.

Laboratory Reagent for Research Use Only

JK 02/23/22

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