9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-13561: CoV-2 N (127 a.a.)

Alternative Name :	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) Â 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

Source: E.Coli.
Sterile Filtered clear solution.
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) Â 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.
The E.Coli derived recombinant protein contains the Coronavirus 2019 C-terminal region 127 a.a. from the Nucleocapsid protein and fused to GST-6xHis tag at N-terminal and having a Mw. of 39.4 kDa.

Product Info

Amount :	50 µg / 0.25 mg
Purification :	CoV-2 Nucleocapsid protein is >95% pure as determined SDS-PAGE.
Content :	CoV-2 Nucleocapsid protein solution is supplied in 50mM Tris-HCl pH 8, 1M Urea, and 50% Glycerol.
Storage condition :	CoV-2 Spike Protein is shipped on ice packs. Upon arrival, Store at -20°C.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.