

## 32-6252: COVID-19 Nucleocapsid Protein

**Alternative Name :** CoV-2019 Nucleocapsid

### Description

Source : Escherichia Coli.

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

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.

### Product Info

<b>Amount :</b>	50 µg / 0.25 mg
<b>Purification :</b>	CoV 2019 Nucleocapsid protein is >95% pure as determined SDS-PAGE.
<b>Content :</b>	CoV 2019 protein solution is supplied in 25mM Tris base and 10mM K <sub>2</sub> CO <sub>3</sub> .
<b>Storage condition :</b>	CoV 2019 Nucleocapsid protein is shipped on ice packs. Upon arrival, Store at -20°C.