

# COVID 19 Nucleocapsid (NP) Coronavirus Recombinant Protein | COVID-19 recombinant protein

COVID-19 Nucleocapsid Protein

|                              |                       |
|------------------------------|-----------------------|
| CATALOG #<br><b>AAA78516</b> | HOST<br><b>E Coli</b> |
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## PRODUCT SYNONYMS

COVID 19 Nucleocapsid (NP) Coronavirus; COVID-19 Nucleocapsid Protein; 2019 Novel Coronavirus; Coronavirus; CoV; COVID-19 virus; HCoV-2; Human Coronavirus 2019; SARS2; SARS-CoV-2; Severe acute respiratory syndrome coronavirus 2; Nucleocapsid; Nucleoprotein (NP); COVID-19 recombinant protein

## PRODUCT SPECIFICATIONS

|                         |                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------|
| Host                    | E Coli                                                                                      |
| Purity/Purification     | CoV 2019 Nucleocapsid protein is >95% pure as determined SDS-PAGE.                          |
| Form/Format             | CoV 2019 protein solution is supplied in 25mM Tris base and 10mM K2CO3..                    |
| Preparation and Storage | CoV 2019 Nucleocapsid protein is shipped on ice packs. Upon arrival, Store at -20 degree C. |

## ADDITIONAL INFORMATION

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| Related Product Information for COVID-19 recombinant protein | <p>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</p> <p>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.</p> |
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**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/covid-19-nucleocapsid-np-coronavirus-recombinant-protein-e-coli/78516>