

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

2019-nCoV (COVID-19) nucleocapsid protein (His tag)

CATALOG # AAA268869	HOST E. coli
-------------------------------	------------------------

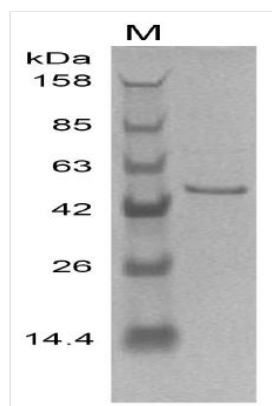
PRODUCT SYNONYMS

COVID 19 Nucleocapsid (NP) Coronavirus; 2019-nCoV (COVID-19) nucleocapsid protein (His tag); 2019 Novel Coronavirus; Coronavirus; CoV; COVID-19 virus; HCoV-2; Human Coronavirus 2019; SARS2; SARS-CoV-2; Severe acute respiratory syndrome coronavirus 2; S1 Protein RBD-SD1 (C-6His); Nucleocapsid; Nucleoprotein (NP); Receptor Binding Domain; COVID-19 recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli
Purity/Purification	> 90% by SDS-PAGE.
Form/Format	1 M NaCl, 20 mM HEPES pH 7.4
Protein construction	The DNA sequence encoding the 2019-ncov nucleocapsid protein (Met1-Ala419) expressed the multi-histidine tag at the C terminal.
Species	2019- nCoV
Endotoxin	<1.0 EU per microgram of protein as determined by the LAL method
Prediction of N-terminal	Met
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	From the date of receipt, the sample can be stable for up to 12 months at the temperature of -20°C to -80°C. Store it in a sterile condition at -20°C to -80°C. It is recommended that proteins be aliquoted for optimal storage. Avoid refreezing and thawing.

IMAGES



SDS-PAGE

SDS-PAGE of 2019-nCoV (COVID-19) nucleocapsid protein (His tag).

ADDITIONAL INFORMATION

Related Product Information for COVID-19 recombinant protein	The DNA sequence encoding the 2019-ncov nucleocapsid protein (Met1-Ala419) expressed the multi-histidine tag at the C terminal. Coronavirus is an enveloped virus with a positive RNA genome and a helically symmetric nucleocapsid. The coronavirus nucleoprotein is located in the cytoplasm and nucleoli (subnuclear structures) of both the primary cells infected with the virus and the cells transfected with the plasmid expressing the N protein.
Product Categories/Family for COVID-19 recombinant protein	Infectious Diseases
References	1. Van Boheemen S, et al. (2012), MBio. 3(6):e00473-12. 2. Bisht H. et al., 2004, Proc Natl Acad Sci. 101 (17): 6641-6. 3. Li W. et al., 2005, Science. 309 (5742): 1864-8.

NCBI AND UNIPROT INFORMATION

Molecular Weight	The recombinant NCP-CoV (2019-nCoV) nucleocapsid protein (His tag) is composed of 430 amino acids with a predicted molecular weight of 47.08 kDa.
-------------------------	---

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/covid-19-nucleocapsid-np-coronavirus-recombinant-protein-e-coli/268869>