

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

SARS-CoV-2 (2019-nCoV) Nucleocapsid, His Tag

CATALOG # AAA47255	HOST E Coli	APPLICATIONS ELISA, Western Blot
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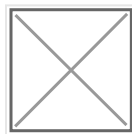
PRODUCT SYNONYMS

COVID 19 Nucleocapsid (NP) Coronavirus; SARS-CoV-2 (2019-nCoV) Nucleocapsid; 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; Nucleocapsid; Nucleoprotein (NP); COVID-19 recombinant protein

PRODUCT SPECIFICATIONS

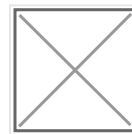
Host	E Coli
Purity/Purification	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5%-80% trehalose is added as protectants before lyophilization.
Sequence	Nucleocapsid protein(Met1-Ala419)
Applicable Applications for COVID-19 recombinant protein	ELISA, WB (Western Blot)
Source	SARS-CoV-2
Conjugation	N-His tag
Reconstitution	Reconstitute with deionized water
Preparation and Storage	Store at -80 degree C for 12 months (Avoid repeated freezing and thawing) Shipping: Blue Ice

IMAGES



SDS-PAGE

Figure 1. SARS-CoV-2 (2019-nCoV) Nucleocapsid Protein, His Tag on SDS-PAGE under reducing condition.



ELISA

Figure 1. SARS-CoV-2 (2019-nCoV) Nucleocapsid Protein, His Tag on SDS-PAGE under reducing condition.

ADDITIONAL INFORMATION

Related Product Information for COVID-19 recombinant protein

Coronavirus contain most of nucleocapsid protein. Coronavirus nucleoproteins (N proteins) localize to the cytoplasm and the nucleolus, a subnuclear structure, in both virus-infected primary cells and in cells transfected with plasmids that express N protein. The nucleolus is the site of ribosome biogenesis and sequesters cell cycle regulatory complexes. Two of the major components of the nucleolus are fibrillarin and nucleolin. These proteins are involved in nucleolar assembly and ribosome biogenesis and act as chaperones for the import of proteins into the nucleolus. Regarding of the conservation of N protein sequence and its strong immunogenicity, the N protein of coronavirus is a tool for test.

NCBI AND UNIPROT INFORMATION

NCBI GeneID	43740575
UniProt Accession #	P0DTC9
Molecular Weight	The protein has a predicted molecular mass of 49.4 kDa after removal of the signal peptide.

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-elisa-wb-western-blot/47255>