

## PRODUCT INFORMATION

### SARS-CoV-2 Nucleocapsid (N) Protein (NP\_E. coli), His-Tag

#### Description:

InVivo offers a recombinant form of the Nucleocapsid (N) protein from severe acute respiratory syndrome-related coronavirus (SARS-CoV-2), Wuhan-Hu-1-isolate (MN908947), which is produced in *E. coli*.

The construct contains full-length (residues 1 to 419) Nucleocapsid (N) protein (GenBank: QHD43423.2) and includes a C-terminal deca-His Tag. The protein is expressed in *E. coli* BL21 (DE3) and is purified using affinity chromatography (AC). Nucleocapsid (N) protein is capable of binding to nucleic acids (e.g., RNA).

<b>Product-ID:</b>	NP_E. coli
<b>Expression System:</b>	<i>E. coli</i> BL21 (DE3)
<b>Protein Accession Number:</b>	<a href="https://www.ncbi.nlm.nih.gov/nuclot/QHD43423.2">QHD43423.2</a>
<b>Amino Acids:</b>	Met1–Ala419
<b>Tag:</b>	10 x His-Tag; C-terminal
<b>Expected Molecular Weight:</b>	47.1 kDa runs at 40 – 60 kDa in SDS Page
<b>Formulation:</b>	Liquid, 100 mM Tris, 300 mM NaCl, pH 8.0
<b>Concentration:</b>	0.1 – 1.0 mg/mL
<b>Recommended storage temp:</b>	< -15°C
<b>Shipping condition:</b>	on dry ice

**The product is for research use or for further manufacturing only.**

**Protein Activity (ELISA):**

