

## PRODUCT INFORMATION

### SARS-CoV-2 Nucleocapsid (N)\_HEK

#### 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 under serum-free conditions in HEK-INV cells (InVivo proprietary optimized; human embryonic kidney, HEK293 cells).

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 purified using affinity chromatography (AC). Nucleocapsid (N) protein is capable of binding to nucleic acids (e.g., RNA).

<b>Product-ID:</b>	NP_HEK
<b>Expression System:</b>	Mammalian; HEK
<b>Protein Accession Number:</b>	<a href="https://www.ncbi.nlm.nih.gov/nuccore/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 kDa ( <i>glycosylated form runs at 40-50 kDa in gel electrophoresis</i> )
<b>Formulation:</b>	Liquid, 100 mM Tris, 300 mM NaCl, pH 8.0
<b>Concentration:</b>	> 0.5 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.**