

# Recombinant COVID-19 N Protein, His-Avi-tagged, Biotinylated

Cat. No. N-423VB Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant 2019-nCoV Nucleocapsid Protein is expressed from E. coli with a His tag and Avi tag at the N-terminal. It contains Ser2-Ala419.
<b>Species</b>	Sars-CoV-2
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ser2-Ala419
<b>Description</b>	Nucleocapsid protein (N) is the major viral structural component; its main function is to protect and encapsidate the viral RNA forming viral RNP complex. It is encoded by the S segment vRNA and is abundantly expressed in the cytoplasm of infected cells.
<b>Form</b>	Supplied as 0.22um filtered solution in 50 mM Tris, 500mM NaCl, 10% Glycerol, pH 7.5.
<b>Molecular Mass</b>	The protein has a predicted MW of 48.9 kDa. Due to glycosylation, the protein migrates to 50-55KDa based on Bis-Tris PAGE result.
<b>Endotoxin</b>	Less than 1EU per ug by the LAL method.
<b>Purity</b>	> 95% as determined by Bis-Tris PAGE
<b>Storage</b>	The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.

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**Conjugation**                      Biotin

## GENE INFORMATION

**Gene Name**                      N

**Official Symbol**                N

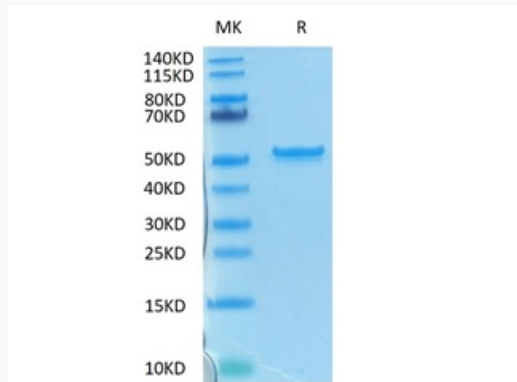
**Synonyms**                      Nucleocapsid protein, NP, Protein N, COVID-19, NC

**Gene ID**                         43740575

**Protein Refseq**                YP\_009724397.2

**UniProt ID**                      P0DTC9

**Tris-Bis PAGE of N-423VB**



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