

## Recombinant COVID-19 N protein, His-Avi-tagged

Cat. No. N-434V Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant 2019 nCoV NP CTD domain Protein is expressed from E. coli with a His tag and Avi Tag at the N-terminal. It contains Gly243-Pro364.
<b>Species</b>	Sars-CoV-2
<b>Source</b>	E.coli
<b>ProteinLength</b>	Gly243-Pro364
<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 PBS (pH 7.4).
<b>Molecular Mass</b>	The protein has a predicted MW of 16.3 kDa. Due to glycosylation, the protein migrates to 21-24 Kda based on Bis-Tris PAGE result.
<b>Endotoxin</b>	Less than 0.5 EU 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.

### GENE INFORMATION

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<b>Gene Name</b>	N
<b>Official Symbol</b>	N
<b>Synonyms</b>	Nucleocapsid protein, NP, Protein N, COVID-19, NC
<b>Gene ID</b>	43740575
<b>Protein Refseq</b>	YP_009724397.2
<b>UniProt ID</b>	P0DTC9

**Tris-Bis PAGE of N-434V**



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