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

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

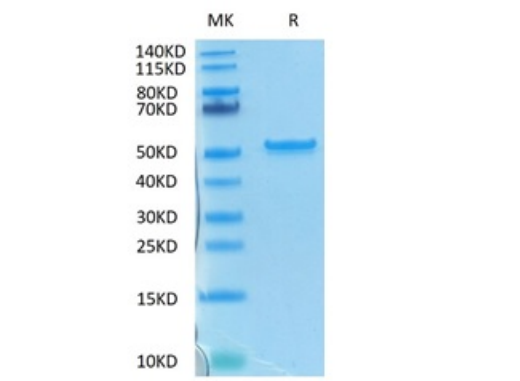
SPECIFICATION

Product Overview	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.
Species	Sars-CoV-2
Source	E.coli
ProteinLength	Ser2-Ala419
Description	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.
Form	Supplied as 0.22um filtered solution in 50 mM Tris, 500mM NaCl,10% Glycerol, pH 7.5.
Molecular Mass	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.
Endotoxin	Less than 1EU per ug by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
Storage	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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