

## GMP Recombinant SARS-CoV-2 N protein

**Cat. No.** N-304VG    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	GMP Recombinant SARS-CoV-2 N protein(YP_009724397.2)(432 aa), fused with His Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
<b>Species</b>	SARS-CoV-2
<b>Source</b>	HEK293
<b>ProteinLength</b>	DNA sequence encoding Recombinant SARS-CoV-2 (2019-nCoV) N protein was expressed with His tag at the C-terminal.
<b>Form</b>	<ol style="list-style-type: none"> <li>Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol and 6% trehalose</li> <li>Supplied as 0.22um filtered solution in PBS (pH 7.4).</li> </ol>
<b>Molecular Mass</b>	Recombinant SARS-CoV-2 (2019-nCoV) N protein contains 432 aa. It has a predicted MW of 47.3 kDa.
<b>Endotoxin</b>	<=0.01EU/ug
<b>Purity</b>	>90% by SDS-PAGE
<b>Storage</b>	<ol style="list-style-type: none"> <li>The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing</li> <li>Liquid samples are stored at -20~-80°C for 12 months. After thawing, they need to</li> </ol>

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be aliquoted and stored at -20°C for 6-12 months to avoid repeated freezing and thawing.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION****Gene Name**

N nucleocapsid phosphoprotein [ Severe acute respiratory syndrome coronavirus 2 ]

**Official Symbol**

N

**Synonyms**

2019-nCoV coronavirus NP Protein; 2019-nCoV coronavirus Nucleocapsid Protein; 2019-nCoV cov np Protein; 2019-nCoV nCoV NP Protein; 2019-nCoV novel coronavirus Nucleoprotein Protein; 2019-nCoV np Protein; 2019-nCoV nucleocapsid Protein;

**Gene ID**

43740575

**Protein Refseq**

YP\_009724397.2

**UniProt ID**

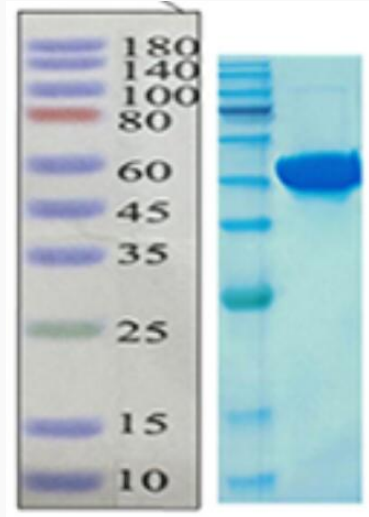
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**SDS-PAGE of N-304VG**



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