

## 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>             | 1. Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol and 6% trehalose<br>2. Supplied as 0.22um filtered solution in PBS (pH 7.4).                                                                                                                |
| <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>          | 1. 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<br>2. Liquid samples are stored at -20~-80°C for 12 months. After thawing, they need to |

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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](#)

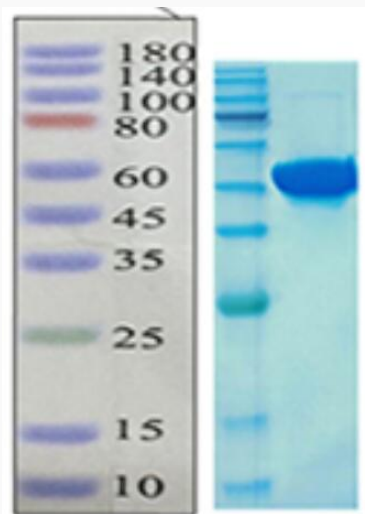
**UniProt ID** [P0DTC9](#)

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