

GMP Recombinant SARS-CoV-2 N protein

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

SPECIFICATION

Product Overview	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.
Species	SARS-CoV-2
Source	HEK293
ProteinLength	DNA sequence encoding Recombinant SARS-CoV-2 (2019-nCoV) N protein was expressed with His tag at the C-terminal.
Form	1. Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol and 6% trehalose 2. Supplied as 0.22um filtered solution in PBS (pH 7.4).
Molecular Mass	Recombinant SARS-CoV-2 (2019-nCoV) N protein contains 432 aa. It has a predicted MW of 47.3 kDa.
Endotoxin	<=0.01EU/ug
Purity	>90% by SDS-PAGE
Storage	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 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](#)

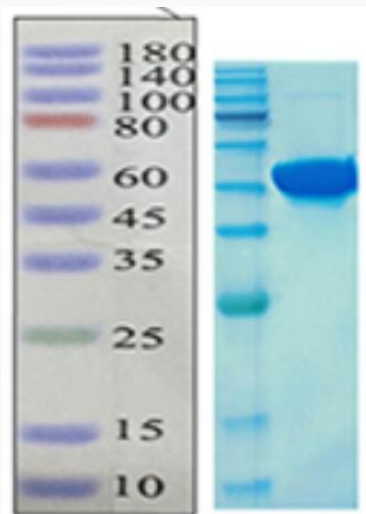
UniProt ID [P0DTC9](#)

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**SDS-PAGE of N-
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