

Recombinant 2019-nCoV N Protein, His-Avi-tagged, Biotinylated

Cat. No. N-908V **Lot. No.** (See product label)

SPECIFICATION

| | |
|-------------------------|--|
| Product Overview | Recombinant 2019-nCoV N Protein(Met 1 - Ala 419)(Accession # QHO62115.1), fused to His tag at the C-terminus, was expressed from HEK293. |
| Species | Sars-Cov-2 |
| Source | HEK293 |
| ProteinLength | Met 1 - Ala 419 |
| Form | Lyophilized from 0.22 μm filtered solution in PBS, pH7.4 . Normally trehalose is added as protectant before lyophilization. |
| Molecular Mass | The protein has a calculated MW of 49.0 kDa. The protein migrates as 55-65 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation. |
| Endotoxin | Less than 1.0 EU per μg by the LAL method. |
| Purity | >90% as determined by SDS-PAGE. |
| Storage | For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; |

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-70°C for 3 months under sterile conditions after reconstitution.

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.

Conjugation

Biotin

GENE INFORMATION

Gene Name

[N nucleocapsid phosphoprotein \[Severe acute respiratory syndrome coronavirus 2 \]](#)

Official Symbol

[N](#)

Synonyms

coronavirus NP Protein, 2019-nCoV; coronavirus Nucleocapsid Protein, 2019-nCoV; coronavirus Nucleoprotein Protein, 2019-nCoV; cov np Protein, 2019-nCoV; ncov NP Protein, 2019-nCoV; NCP-CoV Nucleocapsid Protein, 2019-nCoV; novel coronavirus NP Protein, 2019-nCoV; novel coronavirus Nucleocapsid Protein, 2019-nCoV; novel coronavirus Nucleoprotein Protein, 2019-nCoV; np Protein, 2019-nCoV; nucleocapsid Protein, 2019-nCoV; Nucleoprotein Protein, 2019-nCoV

Gene ID

[43740575](#)

Protein Refseq

[YP_009724397.2](#)

UniProt ID

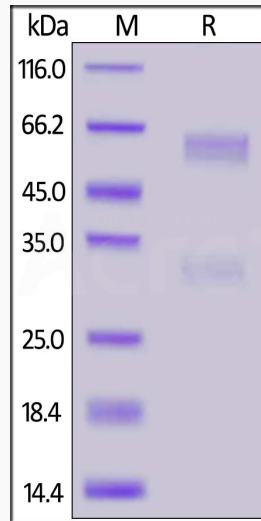
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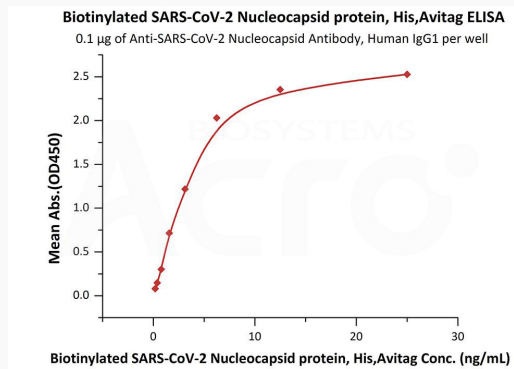
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SDS-PAGE



Bioactivity-ELISA



Immobilized Anti-SARS-CoV-2 Nucleocapsid Antibody, Human IgG1 at 1 µg/mL (100 µL/well) can bind Biotinylated SARS-CoV-2 Nucleocapsid protein, His,Avitag with a linear range of 0.2-6 ng/mL.

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