

Recombinant 2019-nCoV N Protein, His-tagged

Cat. No. N-907V **Lot. No.** (See product label)

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | Recombinant 2019-nCoV N Protein, fused to His tag at the N-terminus, was expressed from E. coli. |
| Species | Sars-Cov-2 |
| Source | E.coli |
| Form | Supplied as 0.2 µm filtered solution in 10 mM PB, Arginine, pH7.4. |
| Molecular Mass | The protein has a calculated MW of 51.0 kDa. The protein migrates as 53-55 kDa under reducing (R) condition (SDS-PAGE). |
| Endotoxin | Less than 1.0 EU per µg by the LAL method. |
| Purity | >90% as determined by SDS-PAGE. |
| Storage | <p>For long term storage, the product should be stored at lyophilized state at -20°C or lower.</p> <p>Please avoid repeated freeze-thaw cycles.</p> <p>This product is stable after storage at:</p> <ul style="list-style-type: none"> -20°C to -70°C for 12 months in lyophilized state; -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. |

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GENE INFORMATION

Gene Name N nucleocapsid phosphoprotein [Severe acute respiratory syndrome coronavirus 2]

Official Symbol N

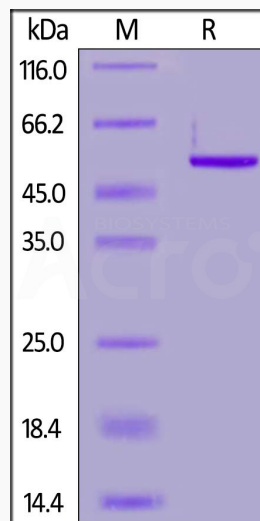
Synonyms coronavirus NP Protein, 2019-nCoV; coronavirus Nucleocapsid Protein, 2019-nCoV; coronavirus Nucleoprotein Protein, 2019-nCoV; cov np Protein, 2019-nCoV; nCoV NP Protein, 2019-nCoV; NCP-CoV Nucleocapsid Protein, 2019-nCoV; novel coronavirus NP Protein, 2019-nCoV; novel coronavirus Nucleocapsid 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 P0DTC9

SDS-PAGE

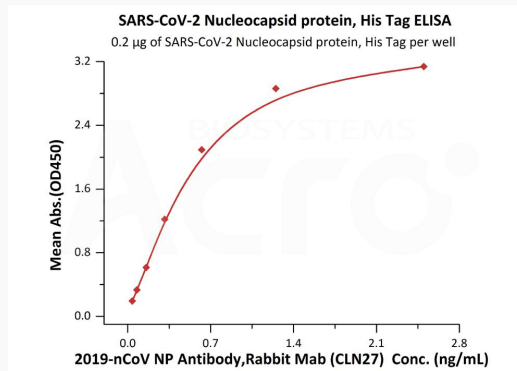


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Bioactivity-ELISA



Immobilized SARS-CoV-2 Nucleocapsid protein, His Tag at 2 µg/mL (100 µL/well) can bind 2019-nCoV NP Antibody, Rabbit MAb (CLN27) with a linear range of 0.02-0.6 ng/mL.

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