

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	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; -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

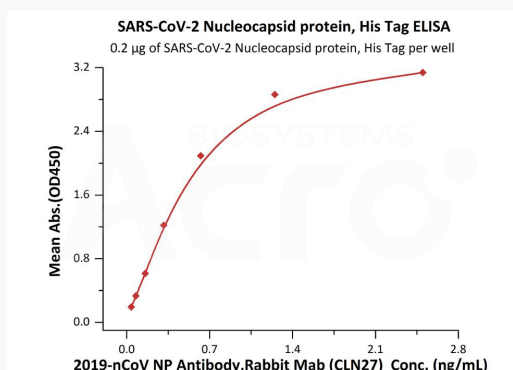
Synonyms coronavirus NP Protein, 2019-nCoV; coronavirus Nucleocapsid Protein, 2019-nCoV; coronavirus Nucleoprotein Protein, 2019-nCoV; cov np Protein, 2019-nCoV; nCoV NP Protein, 2019-nCoV; NCP-CoV Nucleocapsid Protein, 2019-nCoV; novel coronavirus NP Protein, 2019-nCoV; novel coronavirus Nucleocapsid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

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-

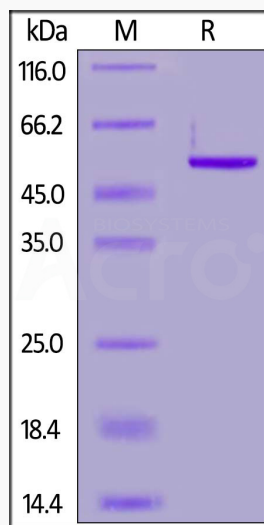
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0.6 ng/mL.

SDS-PAGE



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