

Recombinant 2019-nCoV N Protein, His-tagged

Cat. No. N-906V Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant 2019-nCoV N Protein, fused to His tag at the C-terminus, was expressed from HEK293.
Species	Sars-Cov-2
Source	HEK293
Form	Supplied as 0.2 µm filtered solution in 10 mM PB, 150 mM NaCl, pH7.4.
Molecular Mass	The protein has a calculated MW of 47.3 kDa. The protein migrates as 60-65 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; -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

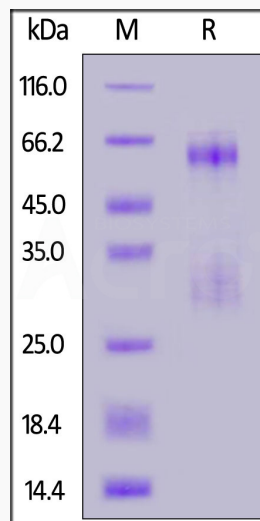
Synonyms coronavirus NP Protein, 2019-nCoV; coronavirus Nucleocapsid Protein, 2019-nCoV; coronavirus Nucleoprotein Protein, 2019-nCoV; cov np Protein, 2019-nCoV; nCoV NP Protein, 2019-nCoV; NCP-CoV Nucleocapsid Protein, 2019-nCoV; novel coronavirus NP Protein, 2019-nCoV; novel coronavirus Nucleocapsid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

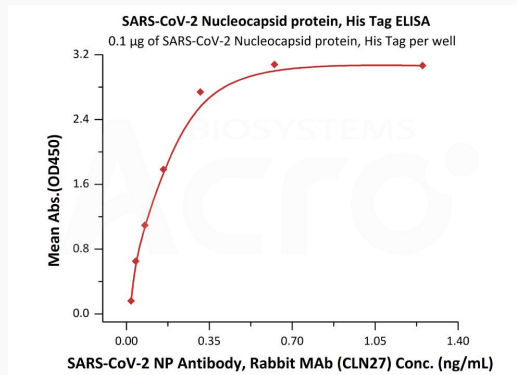


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Bioactivity-ELISA



Immobilized SARS-CoV-2 Nucleocapsid protein, His Tag at 1 µg/mL (100 µL/well) can bind SARS-CoV-2 NP Antibody, Rabbit MAb (CLN27) with a linear range of 0.02-0.3 ng/mL.

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