Recombinant 2019-nCoV N Protein, His-tagged

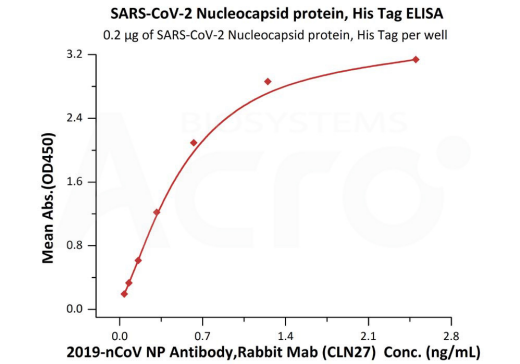
Cat. No. N-907V **Lot. No.** (See product label)

SPECIFICATION

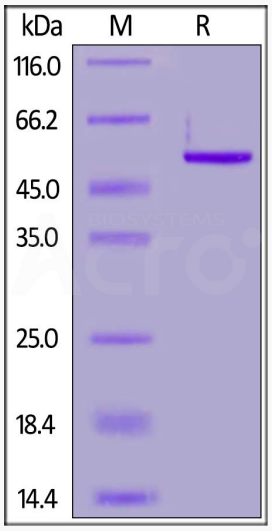
Product Overview	Recombinant 2019-nCoV N Protein, fused to His tag at the N-terminus, was expressed from E. coli.
Species	Sars-Cov-2
Source	E.coli
Form	Supplied as 0.2 μm filtered solution in 10 mM PB, Arginine, pH7.4.
Molecular Mass	The protein has a calculated MW of 51.0 kDa. The protein migrates as 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.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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-

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	0.6 ng/mL.
SDS-PAGE	

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA