

# Active Recombinant COVID-19 N protein, His & Avi-tagged, Biotinylated

Cat. No. N-1849V Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant COVID-19 N protein(QHO62115.1)(Met 1 - Ala 419), fused with His tag and Avi tag, was expressed in HEK293.
<b>Species</b>	Sars-CoV-2
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met 1 - Ala 419
<b>Form</b>	PBS, pH7.4
<b>Bio-activity</b>	Immobilized Biotinylated SARS-CoV-2 Nucleocapsid protein, His,Avitag at 1 µg/mL (100 µL/well) on streptavidin precoated (0.5 µg/well) plate can bind Anti-SARS-CoV-2 Nucleocapsid Antibody, Chimeric mAb, Human IgG1 with a linear range of 0.1-3 ng/mL.
<b>Molecular Mass</b>	49.0 kDa
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>90% as determined by SDS-PAGE.
<b>Storage</b>	For long term storage, the product should be stored at lyophilized state at -20°C or lower.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



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.

**Conjugation**

Biotin

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