

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

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

SPECIFICATION

Product Overview	Recombinant COVID-19 N protein(QHO62115.1)(Met 1 - Ala 419), fused with His tag and Avi tag, was expressed in HEK293.
Species	Sars-CoV-2
Source	HEK293
ProteinLength	Met 1 - Ala 419
Form	PBS, pH7.4
Bio-activity	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.
Molecular Mass	49.0 kDa
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.

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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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