Recombinant COVID-19 N protein(Met1-Ala419(335Gly/Ala)), His-tagged, Biotinylated

Cat. No. N-2394C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant COVID-19 Nucleocapsid Protein (YP_009724397.2) (Met1-Ala419(335Gly/Ala)) was expressed in Insect Cells with a polyhistidine tag at the C-terminus. The purified protein was biotinylated in vitro.
Species	Sars-CoV-2
Source	Insect Cells
ProteinLength	Met1-Ala419(335Gly/Ala)
Conjugation/Label	Biotin
Form	Lyophilized from sterile PBS, 500mM NaCl, pH 7.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant SARS-CoV-2 (2019-nCoV) Nucleocapsid Protein (His tag) consists of 430 amino acids and predicts a molecular mass of 47.08 kDa.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 85 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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	be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
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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