

Active Recombinant SARS N protein, His-tagged

Cat. No. N-0561S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant SARS N protein(Met1-Ala422), fused with His tag, was expressed in HEK293.
Species	SARS
Source	HEK293
ProteinLength	1-422 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, Arginine, pH7.4, with trehalose as protectant.
Bio-activity	Immobilized SARS Nucleocapsid protein, His Tag at 1 µg/mL (100 µL/well) can bind Anti-SARS-CoV-2 Nucleocapsid Antibody, Human IgG1 with a linear range of 0.1-2 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminusThe protein has a calculated MW of 47.7 kDa. The protein migrates as 30-33 kDa and 55-60 kDa under reducing (R) condition (SDS-PAGE) due to Glycosylation.
Proteinlength	Met1-Ala422
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.

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Storage

Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. 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.

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