

## Active Recombinant SARS N protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant SARS N protein(Met1-Ala422), fused with His tag, was expressed in HEK293.
<b>Species</b>	SARS
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-422 a.a.
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, Arginine, pH7.4, with trehalose as protectant.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	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.
<b>Proteinlength</b>	Met1-Ala422
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>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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