




# Recombinant COVID-19 Omicron N (P13L, E31del, R32del, S33del, R203K, G204R) protein, His-tagged

N-686V


Lot. No. (See product label)

## SPECIFICATION

<b>Cat.No.</b>	N-686V
<b>Product Overview</b>	Recombinant COVID-19 Omicron N (YP_009724397.2) (Met1-Ala419) (P13L, E31del, R32del, S33del, R203K, G204R) protein, fused to N-terminal His tag, was expressed in E. coli.
<b>Source</b>	E. coli
<b>Species</b>	COVID-19
<b>Tag</b>	His
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant SARS-CoV-2 (2019-nCoV) Nucleocapsid Protein (P13L, E31del, R32del, S33del, R203K, G204R)-His Recombinant Protein consists of 426 amino acids and predicts a molecular mass of 46.6 kDa.
<b>Protein length</b>	Met1-Ala419
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 90 % as determined by SDS-PAGE

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For Research Use Only

**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 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.

**GENE INFORMATION****Gene Name**

[N nucleocapsid phosphoprotein \[ Severe acute respiratory syndrome coronavirus 2 \]](#)

**Official Symbol**

[N](#)

**Synonyms**


Spike; S1 protein; Spike glycoprotein Subunit1; S glycoprotein Subunit1; Spike protein S1; COVID-19 Omicron

**Gene ID**


[43740575](#)

**Protein Refseq**

[YP\\_009724397.2](#)

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