

# Recombinant COVID-19 N Protein(41-186aa), His-tagged

**Cat. No.** N-4321V    **Lot. No.** (See product label)

## SPECIFICATION

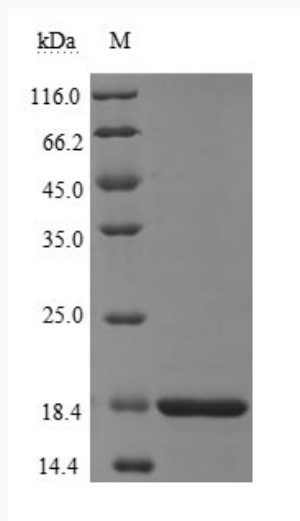
|                         |                                                                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant COVID-19 N Protein(41-186aa)(P0DTC9), fused with C-terminal His tag, was expressed in E. coli.                                                                                                                         |
| <b>Species</b>          | Sars-CoV-2                                                                                                                                                                                                                         |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 41-186aa                                                                                                                                                                                                                           |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0. |
| <b>Molecular Mass</b>   | 17.4 kDa                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | RPQGLPNNTASWFTALTQHGKEDLKFP RGQGV PINTNSSPDDQIGYYRRATRRIRG<br>GDGKMKDLSPRWYFY YLGTGPEAGLPYGANKDGIWVATEGALNTPKDHIGTRNPA<br>NNAIVLQLPQGTTL PKGFYAEGSRGGSQASSRS                                                                       |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                        |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                     |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of                                                                                                                                           |

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**SDS-PAGE**

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