

# Recombinant COVID-19 N Protein(1-419aa), His-sumostar-tagged

**Cat. No.** N-4326V **Lot. No.** (See product label)

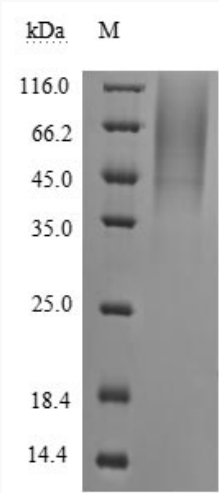
## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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| <b>Product Overview</b> | Recombinant COVID-19 N Protein(1-419aa)(P0DTC9), fused with N-terminal His and sumostar tag, was expressed in Yeast.                                                                                                                                                                                                                                                                                                                                           |
| <b>Species</b>          | Sars-CoV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | Yeast                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | 1-419aa                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <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>   | 58.7 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>AA Sequence</b>      | MSDNGPQNQRNAPRITFGGPSDSTGSNQNGERSGARSKQRRPQGLPNNTASWFT<br>ALTQHGKEDLKFPARGQGVPIINTNSSPDDQIGYYRRATRRIRGGDGKMKDLSPRWYF<br>YYLGTGPEAGLPYGANKDGIWVATEGALNTPKDHIGTRNPANNAIIVLQLPQGTTLP<br>KGFYAEGSRGGSQASSRSSSRSRNSSRNSTPGSSRGTSARMAGNGGDAALALLL<br>LDRLNQLESKMSGKGQQQQGQTVTKKSAAEASKPRQKRTATKAYNVTQAFGRR<br>GPEQTQGNFGDQELIRQGTDYKHWPQIAQFAPSASAFFGMSRIGMEVTPSGTWLT<br>YTAAIKLDDKDPNFKDQVILLNKHIDAYKTFPPTPEPKDKKKKADETQALPQRQKKQQ<br>TVTLLPAADLDDFSKQLQQSMSSADSTQA |

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|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents. |
| <b>SDS-PAGE</b>       |                                                                                            |