

Recombinant SARS-CoV-2 Nucleocapsid (P67S, P199L) Protein, His-tagged

Cat. No. N-587S Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant SARS-CoV-2 Nucleocapsid (YP_009724397.2, with mutations P67S, P199L) (Met1-Ala419) was expressed in E. coli with a polyhistidine tag at the N-terminus. The mutations were identified in the SARS-CoV-2 variant (known as variant B.1.2). |
| Species | SARS-CoV-2 |
| Source | E.coli |
| ProteinLength | 1-419 |
| Predicted N Terminal | Met |
| Molecular Mass | The recombinant SARS-CoV-2 Nucleocapsid consists of 426 amino acids and predicts a molecular mass of 46.6 kDa. |
| Purity | > 90 % as determined by SDS-PAGE. |
| Storage | Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade. Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| Storage Buffer | Lyophilized from sterile 50 mM PB, 500 mM NaCl, pH 7.4. |

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Please contact us for any concerns or special requirements.
Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.

GENE INFORMATION

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|------------------------|---------------------------------------------------------------------------------------------------|
| Gene Name | N nucleocapsid phosphoprotein [Severe acute respiratory syndrome coronavirus 2] |
| Official Symbol | N |
| Synonyms | N; nucleocapsid phosphoprotein; nucleocapsid phosphoprotein; ORF9; structural protein |
| Gene ID | 43740575 |
| mRNA Refseq | MN908947 |
| Protein Refseq | YP_009724397 |

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