# Recombinant SARS-CoV-2 (2019-nCoV) Nucleocapsid(D3L, R203K, G204R, S235F) Protein, His-tagged

**Cat. No.** N-429S **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant SARS-CoV-2 (2019-nCoV) Nucleocapsid Protein (YP_009724397.2) (Ser2-Ala419(D3L, R203K, G204R, S235F)) was expressed in E. coli with a polyhistidine tag at the N-terminus. |
| **Species** | SARS-CoV-2 |
| **Source** | E.coli |
| **ProteinLength** | 2-419 |
| **Predicted N Terminal** | Met |
| **Molecular Mass** | The recombinant SARS-CoV-2 (2019-nCoV) Nucleocapsid Protein (D3L, R203K, G204R, S235F)-His Recombinant Protein consists of 425 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.<br>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 7.0. |

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| | Please contact us for any concerns or special requirements.<br>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 |
| **SDS-PAGE** | |

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