

Recombinant SARS-CoV-2 (2019-nCoV) Nucleocapsid (D377Y) Protein, His-tagged

Cat. No. N-405S Lot. No. (See product label)

SPECIFICATION

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|-----------------------------|--|
| Product Overview | Recombinant SARS-CoV-2 (2019-nCoV) Nucleocapsid (YP_009724397.2, with mutation D377Y) (Ser2-Ala419) 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 consists of 425 amino acids and predicts a molecular mass of 46.5 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. Please contact us for any concerns or special requirements. |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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