

Recombinant SARS-CoV-2 Nucleocapsid (G18S, A119S, A217S, M234I, E367Q) Protein, His-tagged

Cat. No. N-589S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant SARS-CoV-2 Nucleocapsid (YP_009724397.2, with mutations G18S, A119S, A217S, M234I, E367Q) (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.1.618).
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.

 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

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

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

 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