

Recombinant SARS-CoV-2 Nucleocapsid (D63G, R203M, D377Y) Protein, His-tagged

Cat. No. N-407S Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant SARS-CoV-2 Nucleocapsid (YP_009724397.2, with mutations D63G, R203M, D377Y) (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.1.617.2) which emerged in the India.
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