

# Recombinant SARS-CoV-2 Nucleocapsid (A12G, T205I) Protein, His-tagged

Cat. No. N-585S Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant SARS-CoV-2 Nucleocapsid (YP_009724397.2, with mutations A12G, T205I) (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.1.525) which emerged in the United Kingdom and Nigeria.
<b>Species</b>	SARS-CoV-2
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-419
<b>Predicted N Terminal</b>	Met
<b>Molecular Mass</b>	The recombinant SARS-CoV-2 Nucleocapsid consists of 426 amino acids and predicts a molecular mass of 46.6 kDa.
<b>Purity</b>	> 95 % as determined by SDS-PAGE.
<b>Storage</b>	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.
<b>Storage Buffer</b>	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

<b>Gene Name</b>	<a href="#">N nucleocapsid phosphoprotein [ Severe acute respiratory syndrome coronavirus 2 ]</a>
<b>Official Symbol</b>	<a href="#">N</a>
<b>Synonyms</b>	N; nucleocapsid phosphoprotein; nucleocapsid phosphoprotein; ORF9; structural protein
<b>Gene ID</b>	<a href="#">43740575</a>
<b>mRNA Refseq</b>	<a href="#">MN908947</a>
<b>Protein Refseq</b>	<a href="#">YP_009724397</a>

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