Recombinant SARS-CoV-2 (2019-nCoV) Nucleocapsid (T205I) Protein, His-tagged

Cat. No. N-444S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant SARS-CoV-2 (2019-nCoV) Nucleocapsid (YP_009724397.2, with mutation T205I) (Met1-Ala419) was expressed in E. coli with a polyhistidine tag at the N-terminus. The mutation were identified in the SARS-CoV-2 variant (known as 20C/501Y.V2 or B.1.351 lineage) which emerged in South Africa.
Species	SARS-CoV-2
Source	E.coli
ProteinLength	1-419
Predicted N Terminal	Met
Molecular Mass	The recombinant SARS-CoV-2 (2019-nCoV) Nucleocapsid consists of 426 amino acids and predicts a molecular mass of 46.6 kDa.
Purity	> 95 % 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 7.0.

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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

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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