Recombinant SARS-CoV-2 Nucleocapsid Protein, DYKDDDDK-tagged

Cat. No. N-095S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of SARS-CoV-2 (2019-nCoV) nucleocapsid phosphoprotein (N) from Wuhan pneumonia virus (MN908947.3) , with a DYKDDDDK tag was expressed in human cells.
Species	SARS-CoV-2
Source	Human Cells
Description	The coronavirus Nucleocapsid (N) is a structural protein of multifunction. The N protein of CoVs forms the helical ribonucleocapsid complexes with positive strand viral genomic RNA, and interacts with viral membrane protein during virion assembly, and plays an important role in enhancing the efficiency of virus replication, transcription, and assembly.
Molecular Mass	49.4 kDa
Endotoxin	Endotoxin level is < 0.1 ng/μg of protein (< 1 EU /μg)
Purity	>90% by SDS-PAGE gel and Coomassie Blue staining
Applications	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies; For research & development use only!
Storage Buffer	Purified protein formulated in a sterile solution of PBS buffer, pH7.2, without any

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	preservatives

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

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