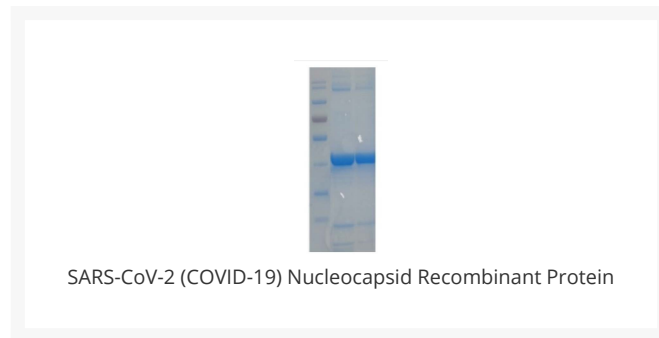




# SARS-CoV-2 (COVID-19) Nucleocapsid Recombinant Protein

Cat. No.: 10-007



## Ψ Specifications

<b>SPECIES:</b>	SARS-CoV-2
<b>SOURCE SPECIES:</b>	E. coli
<b>SEQUENCE:</b>	The recombinant 2019-nCoV Nucleocapsid Protein (His tag) consists of 430 amino acids and predicts a molecular mass of 47.08 kDa.
<b>FUSION TAG:</b>	His Tag
<b>TESTED APPLICATIONS:</b>	ELISA, WB
<b>APPLICATIONS:</b>	SDS-PAGE
<b>PREDICTED MOLECULAR WEIGHT:</b>	47 kD

## Ψ Properties

<b>PURITY:</b>	>95% as determined by reducing SDS-PAGE.
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	PBS
<b>CONCENTRATION:</b>	1 mg/ml

<b>STORAGE CONDITIONS:</b>	Store in working aliquots at -20 °C. Avoid freeze/thaw cycles.
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## Ψ Additional Info

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<b>ALTERNATE NAMES:</b>	N protein, N phosphoprotein, Nucleocapsid phosphoprotein
<b>ACCESSION NO.:</b>	QHD43423.2

## Ψ Background and References

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<b>BACKGROUND:</b>	Nucleocapsid protein is the most abundant protein of coronavirus. Nucleocapsid protein is the highly immunogenic phosphoprotein and also implicated in viral genome replication and in modulating cell signaling pathways. While screening for ADP-ribosylated proteins during coronavirus (CoV) infection, it is identified as the viral nucleocapsid (N) protein. Novel post-translation modification of the CoV N protein may play a regulatory role for this important structural protein.
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