

# Recombinant Human-CoV(NL63) Nucleoprotein, His-tagged

**Cat. No.** N-136V    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human-CoV(NL63) Nucleoprotein contains 130aa and was expressed in E.coli purified by affinity chromatography (nickel column).
<b>Species</b>	HCoV
<b>Source</b>	E.coli
<b>ProteinLength</b>	130
<b>Description</b>	Nucleoproteins, also known as nucleocapsid proteins, are phosphoproteins that are capable of binding to helix and have flexible structure of viral genomic RNA. It plays an important role in virion structure, replication and transcription of coronaviruses, as it localizes in both the replication/transcriptional region of the coronaviruses and the ERGIC region where the virus is collected. It packages the positive strand viral genome RNA into a helical ribonucleocapsid (RNP) and plays a fundamental role during virion assembly through its interactions with the viral genome and membrane protein M. It also plays an important role in enhancing the efficiency of subgenomic viral RNA transcription as well as viral replication.
<b>Form</b>	Liquid. PBS with 0.05% Sodium Azide.
<b>Purity</b>	>95% (10% SDS-PAGE, Coomassie blue stain).
<b>Applications</b>	ELISA, Western blot.

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<b>Storage</b>	Upon receipt, store at -20 centigrade. Avoid multiple freeze/thaw cycles.
<b>Concentration</b>	Batch dependant (~1.0mg/ml)
<b>Shipping</b>	Dry Ice.
<b>Warning</b>	For Research Use Only.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">N</a>
<b>Official Symbol</b>	<a href="#">N</a>
<b>Synonyms</b>	HCoV229Egp7
<b>Gene ID</b>	<a href="#">918763</a>
<b>Protein Refseq</b>	<a href="#">NP_073556.1</a>
<b>UniProt ID</b>	<a href="#">P15130</a>

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