

## Recombinant Human-CoV(229E) Nucleoprotein, His-tagged

Cat. No. N-135V Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human-CoV(229E) Nucleoprotein, containing 359aa, was fused to His-tag at C-terminus and expressed in E.coli.
<b>Species</b>	HCoV
<b>Source</b>	E.coli
<b>ProteinLength</b>	359
<b>Description</b>	<p>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.</p>
<b>Form</b>	Lyophilised. PBS with 3M Urea.
<b>Molecular Mass</b>	42 kDa
<b>Purity</b>	>95% (12% SDS-PAGE, Coomassie blue stain).

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Applications</b>	Immunoassay.
<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>	N
<b>Official Symbol</b>	N
<b>Synonyms</b>	HCoV229Egp7
<b>Gene ID</b>	918763
<b>Protein Refseq</b>	NP_073556.1
<b>UniProt ID</b>	P15130
<b>SDS-PAGE of N-135V</b>	Coomassie-stained SDS-PAGE showing purified recombinant HCoV-229E nucleoprotein (N).

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA