

## Recombinant 2019 nCoV Nucleocapsid Protein

Catalog Number: SYN-C1009

### GENERAL INFORMATION

<b>Source:</b>	2019-nCoV Nucleocapsid Protein is expressed from E.coli with a His tag at the C-terminal. It contains Ser2-Ala 419.
<b>Accession:</b>	QHD43416.1

### QC TESTING

<b>Molecular Weight:</b>	The protein has a predicted MW of 48.9 kDa, same as Bis-Tris PAGE result.
<b>Purity:</b>	> 95% as determined by Bis-Tris PAGE
<b>Endotoxin:</b>	Less than 1EU per ug by the LAL method.

### FORMULATION AND STORAGE

<b>Formulation:</b>	Supplied as 0.22um filtered solution in 20 mM Tris, 500mM NaCl, 10% Glycerol, pH 7.5.
<b>Storage:</b>	The product should be stored at -70°C. Please do not repeat freeze-thaw cycles.

### BACKGROUND

<b>Background:</b>	Nucleocapsid protein (N) is the major viral structural component; its main function is to protect and encapsidate the viral RNA, forming a viral RNP complex. It is encoded by the S segment vRNA and is abundantly expressed in the cytoplasm of infected cells.
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