

## SARS-CoV-2 Nucleocapsid Protein (IHU B.1.640.2 Variant), Tag Free, E. coli

Catalog Number	LDG017PVE
Package	100 µg / Customized package

For full product information, images and publications, please visit [our website](#).



### Specifications

#### Species of Origin

SARS-CoV-2

#### Expression system

Escherichia coli

#### Affinity Tag

Tag Free

#### Buffer

Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

#### Purity

>90% as determined by SDS-PAGE analysis.

#### Molecular weight

The protein has a calculated MW of 45.68 kDa.

#### Form

Lyophilized

### Background

#### Tainan Headquarter

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### Background

SARS-CoV-2 is a kind of coronavirus which full name is severe acute respiratory syndrome coronavirus 2. SARS-CoV-2 is contagious that causes the respiratory diseases and lung diseases which make difficulty breathing. SARS-CoV-2 do the spillover event in 2019 because it has genetic diversity. SARS-CoV-2 is composed by four subunits (spike, envelope, membrane and nucleocapsid proteins). Its RNA genome is encapsulated with nucleocapsid protein. The viral envelope is comprised of spike, envelope and membrane protein. SARS-CoV-2 has high affinity to ACE2, which is highly expression in intestines, kidney, and heart.

### Uniprot ID

#QSW58852.1

### Synonyms

Nucleoprotein, Nucleocapsid protein, NC Protein N

### Sequence Note

Met1-Ala419

## Instruction

### Reconstitution

It is recommended to reconstitute the lyophilized protein in sterile H<sub>2</sub>O to a concentration of 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

### Stability & Storage

This product is stable after storage at:

- -20°C for 12 months in lyophilized state from date of receipt.
- -20°C or -80°C for 1 month under sterile conditions after reconstitution.

Avoid repeated freeze/thaw cycles.

### Shipping

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

**Disclaimer** : For Research Use or Further Manufacturing Only.

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