

## Human Respiratory Syncytial Virus A (RSV-A, Strain S2) Nucleocapsid Protein, His Tag, E. coli

Catalog Number	LDG025PVE
Package	100 µg / Customized package

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



### Specifications

#### Species of Origin

Human Respiratory Syncytial Virus A

#### Affinity Tag

His Tag (C-term)

#### Purity

>95% as determined by SDS-PAGE analysis.

#### Form

Lyophilized

#### Expression System

Escherichia coli

#### Storage Buffer

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

#### Molecular weight

The protein has a calculated MW of 44.3 kDa. The protein migrates as 40 kDa under reducing condition (SDS-PAGE analysis).

### Background

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### Background

Human Respiratory Ryncytial Virus A nucleocapsid protein is the major complement of viral nucleocapsid. Viral nucleocapsid protein has an important role in adaptation between virus and host cells. Another important function of nucleocapsid protein is the encapsidation of viral genome. Viral nucleocapsid protein is a great target for viral detection which could be the assay of diagnostic method. Viral nucleocapsid protein also has function to mediate the cell cycle that help its genome replication.

### Uniprot ID

#NP\_044591.1

### Sequence Note

Met1-Leu391

## 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.

### Shipping

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

### 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.

## Image

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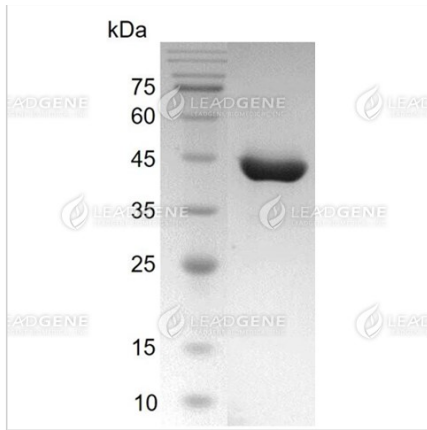
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SDS-PAGE analysis of Human  
 Respiratory Syncytial Virus A (RSV-A,  
 Strain S2) nucleocapsid protein.

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