# NiV Nucleocapsid Protein, His-SUMO Tag, HEK293

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|---|---|
| **Catalog Number** | LDG010PVM |
| **Package** | 5 μg / 20 μg / 100 μg / Customized package |

For full product information, images and publications, please visit our website.

## Specifications

**Species of Origin**
Nipah Virus

**Expression System**
HEK293

**Affinity Tag**
His-SUMO Tag (N-term)

**Storage 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 70.6 kDa. The protein migrates as 72 kDa under reducing condition (SDS-PAGE analysis).

**Mycoplasma**
Not detected

**Form**
Lyophilized

## Background

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### Background

The NiV Nucleocapsid (N) protein is a crucial component of the Nipah virus (NiV), an emerging zoonotic pathogen. This protein encapsulates the viral RNA, forming the nucleocapsid core that is essential for virus replication and transcription. It also interacts with other viral proteins, playing a key role in the virus assembly and immune evasion, making it a target for antiviral strategies and vaccine development.

### Synonyms

Nipah virus, Nucleoprotein

### Uniprot ID

Q9IK92

### Sequence Note

Met1-Val532

## Instruction

### Reconstitution

It is recommended to reconstitute the lyophilized protein in sterile $H_2O$ to a concentration not less than 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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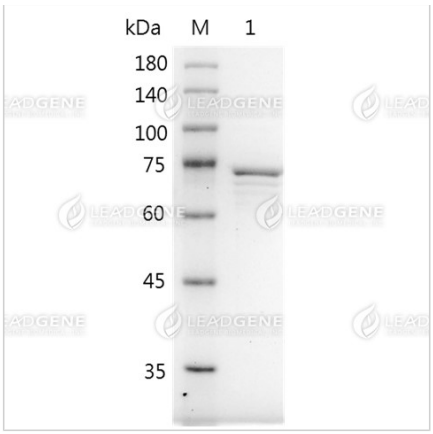


SDS-PAGE analysis of NiV Nucleocapsid Protein.

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