

NiV Nucleocapsid Protein, His tag, E. coli

Catalog Number LDG014PVE

Package 100 µg / Customized package

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



Specifications

Species of Origin

Nipah Virus

Affinity Tag

His Tag (C-term)

Purity

>90% as determined by SDS-PAGE analysis.

Mycoplasma

Not detected

Expression system

Escherichia coli

Buffer

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

Molecular weight

The protein has a calculated MW of 59 kDa. The protein migrates as 60 kDa under reducing condition (SDS-PAGE analysis).

Form

Lyophilized

Background

Tainan Headquarter

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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.

Uniprot ID

Q9IK92

Synonyms

Nipah virus, Nucleoprotein

Sequence Note

Met1-Val532

Instruction

Reconstitution

It is recommended to reconstitute the lyophilized protein in sterile H₂O to a concentration not less than 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.

Image

Tainan Headquarter

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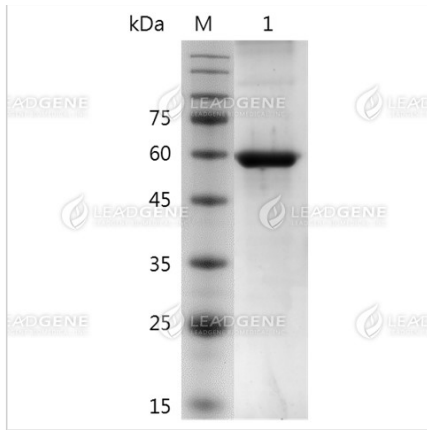
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SDS-PAGE analysis of NiV
Nucleocapsid Protein.

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