NiV Nucleocapsid Protein, His-SUMO Tag, HEK293

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)

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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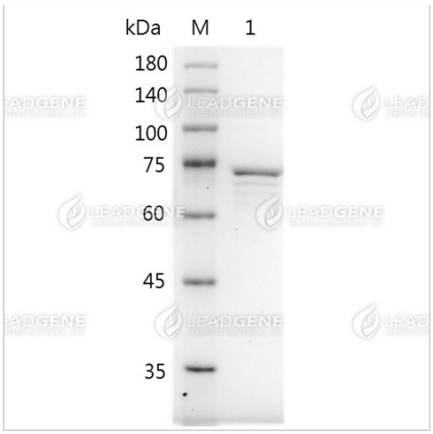

SDS-PAGE analysis of NiV Nucleocapsid Protein.

Disclaimer : For Research Use or Further Manufacturing Only.

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