Influenza A H3N2 (A/Washington/658/2019) Nucleocapsid Protein, His Tag, E. coli

Catalog Number	LDG021PVE
Package	100 µg / Customized package

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

Specifications

Species of Origin

Influenza A H3N2

Expression System

Escherichia coli

Affinity Tag

His 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 56.84 kDa. The protein migrates as 55 kDa under reducing condition (SDS-PAGE analysis).

Form

Lyophilized

Background

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Background

Influenza A viral 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 funtion 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

#AZJ60513.1

Sequence Note

Met1-Asn498

Instruction

Reconstitution

It is recommended to reconstitute the lyophilized protein in sterile H_2O 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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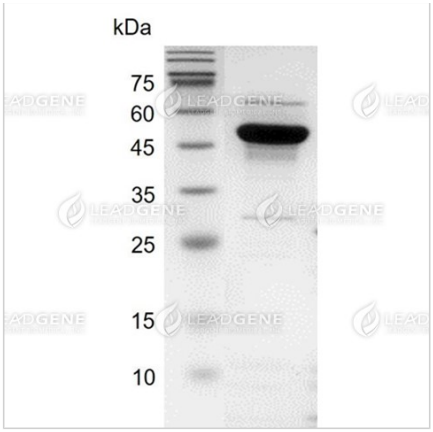

SDS-PAGE analysis of Influenza A H3N2 (A/Washington/658/2019) nucleocapsid protein.

Disclaimer : For Research Use or Further Manufacturing Only.

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