

Influenza A H1N1 (A/New York/1682/2009) Nucleocapsid Protein, His Tag, E. coli

Catalog Number LDG019PVE

Package 100 µg / Customized package

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



Specifications

Species of Origin

Influenza A H1N1

Affinity Tag

His Tag (N-term)

Purity

>95% as determined by SDS-PAGE analysis.

Form

Lyophilized

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

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 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.

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

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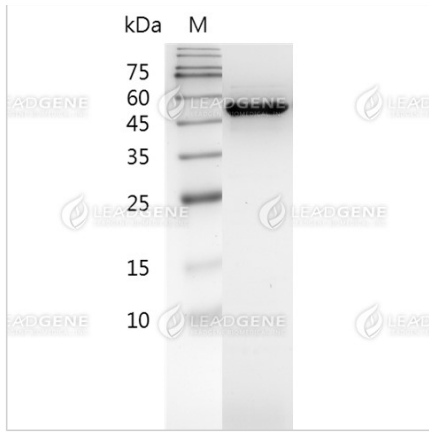
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SDS-PAGE analysis of Influenza A
H1N1 (A/New York/1682/2009)
nucleocapsid protein.

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