

MERS-CoV Nucleocapsid Protein, His-SUMO Tag, HEK293

Catalog Number LDG004PVM

Package 5 µg / 20 µg / 100 µg / Customized package

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



Specifications

Species of Origin

MERS-CoV

Affinity Tag

His-SUMO Tag (N-term)

Purity

>90% as determined by SDS-PAGE analysis.

Form

Lyophilized

Expression system

HEK293 cell

Buffer

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

Molecular weight

The protein has a calculated MW of 56.59 kDa. The protein migrates about 100 kDa under reducing condition (SDS-PAGE analysis).

Background

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Background

There are seven human coronaviruses have been identified. MERS-CoV is one of the species of these coronavirus (β group). MERS-CoV is called the Middle East respiratory syndrome-related coronavirus, which infects the bats and human. Because the crown-like spikes on the surface of virus, they are named for coronaviruses. The spike protein controled the infection of target cells and it facilitated entry into cells by binding the DPP4 receptors.

Uniprot ID

AHI48804 1

Synonyms

Nucleoprotein, N, Nucleocapsid protein, NC Protein N

Sequence Note

Met1-Asp413

Instruction

Reconstitution

It is recommended to reconstitute the lyophilized protein in sterile H₂O to a concentration not less than 200 μ g/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

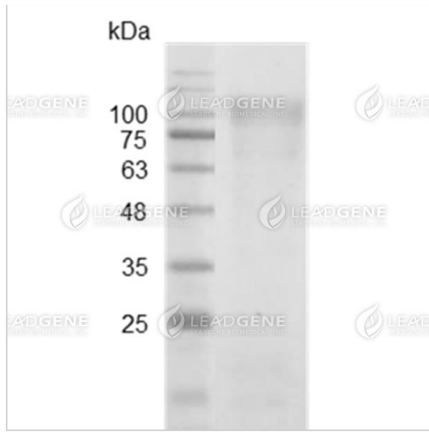
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SDS-PAGE analysis of
recombinant MERS-CoV
nucleocapsid protein.

Disclaimer : For Research Use or Further Manufacturing Only.

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