

## Recombinant Influenza A H1N1 (A/New York/1682/2009) NP Protein, N-His tagged, Animal-free, Carrier-free

Cat. No. NP-341I Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Influenza A H1N1 (A/New York/1682/2009) NP Protein with N-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
<b>Species</b>	Influenza A H1N1
<b>Source</b>	E.coli
<b>Description</b>	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.
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	The protein has a calculated MW of 56.94 kDa. The protein migrates as 55 kDa under reducing condition (SDS-PAGE analysis).
<b>Purity</b>	>95% as determined by SDS-PAGE analysis.
<b>Storage</b>	This product is stable after storage at: -20 centigrade for 12 months in lyophilized state from date of receipt. -20 or -80 centigrade for 1 month under sterile conditions after reconstitution.

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Avoid repeated freeze/thaw cycles.

**Storage Buffer**

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

**Reconstitution**

It is recommended to reconstitute the lyophilized protein in sterile H<sub>2</sub>O 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 centigrade or lower for long term storage.

**GENE INFORMATION****Official Symbol**

NP

**Synonyms**

Nucleoprotein; NP

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