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)

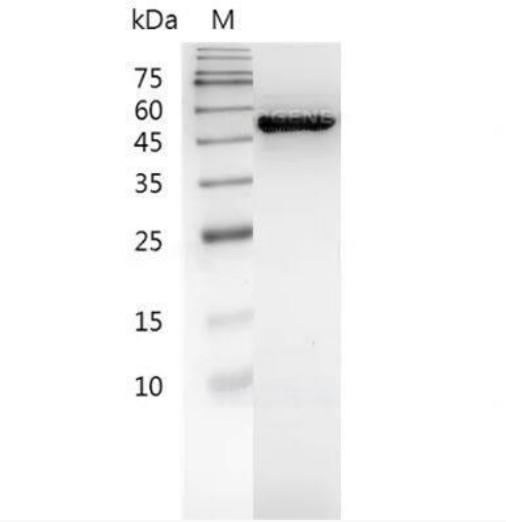
SPECIFICATION

Product Overview	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.
Species	Influenza A H1N1
Source	E.coli
Description	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.
Form	Lyophilized
Molecular Mass	The protein has a calculated MW of 56.94 kDa. The protein migrates as 55 kDa under reducing condition (SDS-PAGE analysis).
Purity	>95% as determined by SDS-PAGE analysis.
Storage	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 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.
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
SDS-PAGE analysis of Influenza A H1N1 (A/New York/1682/2009) nucleocapsid protein.	

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