Recombinant H1N1 (A/California/07/2009) NP Protein, His-tagged

Cat. No. NP-718V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A virus (A/California/07/09(H1N1)) nucleoprotein (ACS94534.1) (Met1-Ser498) was expressed with a C-terminal polyhistidine tag.
Species	H1N1
Source	Insect Cells
ProteinLength	1-498 a.a.
Predicted N Terminal	Met
Form	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant nucleoprotein of Influenza A virus (A/California/07/09(H1N1)) comprises 509 amino acids and has a predicted molecular mass of 57.4 kDa. The apparent molecular mass of the protein is approximately 53.5 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70ºC.

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Storage	Store it under sterile conditions at -20ºC~-70ºC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4℃ before opening to recover the entire contents.

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