

# Recombinant Influenza A H3N2 (A/Kansas/14/2017) / (A/Singapore/INFIMH-16-0019/2016) NP protein(Met1-Asn498), His-tagged

Cat. No. NP-3293V    Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Influenza A H3N2 (A/Kansas/14/2017) / (A/Singapore/INFIMH-16-0019/2016) NP protein(EPI1146338 & EPI964890)(Met1-Asn498), fused with His tag, was expressed in Insect Cells.
<b>Species</b>	Influenza A H3N2 (A/Kansas/14/2017) / (A/Singapore/INFIMH-16-0019/2016)
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	Met1-Asn498
<b>Form</b>	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 8.0. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
<b>Molecular Mass</b>	The recombinant nucleoprotein of Influenza A virus ((A/Kansas/14/2017) / (A/Singapore/INFIMH-16-0019/2016) (H3N2)) consists of 509 amino acids and predicts a molecular mass of 57.3 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 90 % as determined by SDS-PAGE.

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**Storage**

Samples are stable for up to twelve months from date of receipt at -20°C to -80°C  
Store it under sterile conditions at -20°C to -80°C. 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 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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