Influenza A H3N2 (A/Switzerland/9715293/2013) Nucleoprotein / NP Protein (His Tag)

Catalog Number: 40499-V08B

Sino Biological Inc.
Biological Solution Specialist

General Information

Gene Name Synonym:

NP; Nucleoprotein; NP; NP; NP; NP; NP; Nucleoprotein

Protein Construction:

A DNA sequence encoding the Influenza A virus (A/Switzerland/9715293/2013 (H3N2)) nucleoprotein (translated amino acids of EPI541652) (Met1-Asn498) was expressed with a polyhistidine tag at the C-terminus.

Source: H3N2

Expression Host: Baculovirus-Insect Cells

QC Testing

Purity: > 95 % as determined by SDS-PAGE.

Endotoxin:

< 1.0 EU per μg protein as determined by the LAL method.

Stability:

Samples are stable for up to twelve months from date of receipt at -70 ℃

Predicted N terminal: Met

Molecular Mass:

The recombinant nucleoprotein of Influenza A virus (A/Switzerland/9715293/2013(H3N2)) consists of 509 amino acids and predicts a molecular mass of 57.3 kDa.

Formulation:

Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 %glycerol, pH 8.0.

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Storage:

Store it under sterile conditions at -20℃ to -80℃ upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:

