

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

Catalog Number: 40499-V08B



Sino Biological  
Biological Solution Specialist

## General Information

### Gene Name Synonym:

NP

### 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 °C

**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:

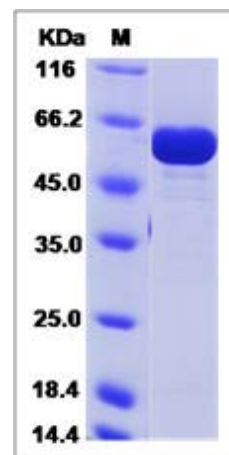
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

**Avoid repeated freeze-thaw cycles.**

### Reconstitution:

Detailed reconstitution instructions are sent along with the products.

## SDS-PAGE:



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