

# Influenza A H7N9 (A/Shanghai/2/2013) Nucleocapsid / NP Protein (His Tag)

Catalog Number: 40111-V08B



Sino Biological  
Biological Solution Specialist

## General Information

### Gene Name Synonym:

NP

### Protein Construction:

A DNA sequence encoding the Influenza A virus (A/Shanghai/2/2013(H7N9)) nucleoprotein protein (AGL44439.1) (Met1-Asn498) was expressed with a C-terminal polyhistidine tag.

**Source:** H7N9

**Expression Host:** Baculovirus-Insect Cells

## QC Testing

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

### Endotoxin:

< 1.0 EU per µg of the 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 protein of Influenza A virus (A/Shanghai/1/2013(H7N9)) comprises 509 amino acids and has a predicted molecular mass of 57.8 kDa. The apparent molecular mass of the protein is approximately 57 kDa in SDS-PAGE under reducing conditions.

### Formulation:

Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10% glycerol, pH 7.4.

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:

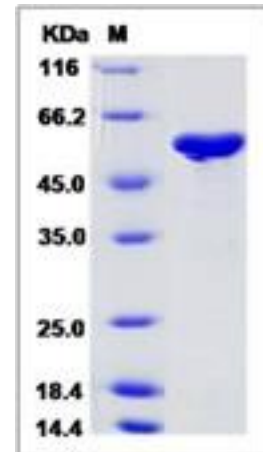
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

**Avoid repeated freeze-thaw cycles.**

### Reconstitution:

Detailed reconstitution instructions are sent along with the products.

## SDS-PAGE:



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