

Influenza A H1N1 (A/California/07/2009) Nucleoprotein / NP Protein (His Tag)

Catalog Number: 40205-V08B



Sino Biological
Biological Solution Specialist

General Information

Gene Name Synonym:

NP

Protein Construction:

A DNA sequence encoding the Influenza A virus (A/California/07/09(H1N1)) nucleoprotein (ACS94534.1) (Met1-Ser498) was expressed with a C-terminal polyhistidine tag.

Source: H1N1

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 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.

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:

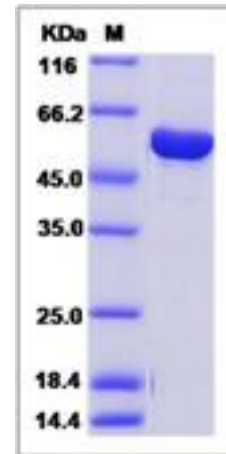
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



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