Influenza A H2N2 (A/Ann Arbor/6/1960) Nucleoprotein / NP Protein (His Tag)

Catalog Number: 40033-V08B

Sino Biological
Biological Solution Specialist

General Information

Gene Name Synonym:

NP

Protein Construction:

A DNA sequence encoding the Influenza A virus (A/Ann Arbor/6/1960 (H2N2)) nucleoprotein (P21433-1) (Met 1-Asn 498) was fused with a polyhistidine tag at the C-terminus.

Source: H2N2

Expression Host: Baculovirus-Insect Cells

QC Testing

Purity: > 85 % 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 ℃

Predicted N terminal: Met 1

Molecular Mass:

The recombinant Influenza A virus (A/Ann Arbor/6/1960(H2N2)) nucleoprotein comprises 508 amino acids and has a predicted molecular mass of 57 kDa. It migrates as an approximately 52 kDa band in SDS-PAGE under reducing conditions.

Formulation:

Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 8.0, 20% gly, 1mM DTT

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: