

H3N2 Nucleoprotein (His Tag)



Catalog Number: 504506

General Information

Gene Name Synonym:

Protein Construction:

A DNA sequence encoding the Influenza A virus (A/Hong Kong/1/1968(H3N2)) nucleoprotein (P22435.2) (Met1-Asn498) was expressed with a C-terminal polyhistidine tag.

Source:H3N2

Expression Host:Baculovirus-Insect cells

QC Testing

Activity:

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°C

Predicted N terminal:

Met

Molecular Mass:

The recombinant nucleoprotein of Influenza A virus (A/Hong Kong/1/1968(H3N2)) comprises 509 amino acids and has a predicted molecular mass

of 57.5 kDa. The apparent molecular mass of the protein is approximately 59.9 kDa in SDS-PAGE under reducing conditions.

Formulation:

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

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

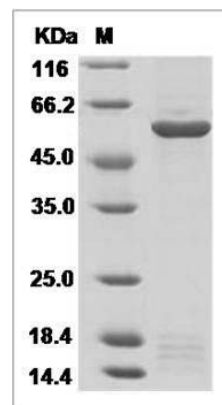
Storage:

Store it under sterile conditions at -20°C to -80°C . It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution:

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE:



Influenza A H3N2 (A/Hong Kong/1/1968) Nucleoprotein / NP Protein (His Tag) SDS-PAGE