Catalog Number: 502810



General Information

Protein Construction

A DNA sequence encoding the Influenza A virus (A/Anhui/1-BALF_RG6/2013(H7N9)) nucleoprotein protein (AHZ59787.1) (Met1-Asn498) was expressed with a C-terminal polyhistidine tag.

Organism

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 $^\circ \rm C$

Predicted N terminal

Met

Molecular Mass

The recombinant nucleoprotein protein of Influenza A virus (A/Anhui/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 55 kDa in SDS-PAGE under reducing conditions.

Formulation

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

KDa	м
116	
66.2	
45.0	-
35.0	-
25.0	-
18.4	-
14.4	-

Influenza A H7N9 (A/Anhui/1/2013) Nucleocapsid / NP Protein (His Tag) SDS-PAGE