H9N2 HA (His Tag) recombinant protein

Catalog Number: 500424

General Information

Protein Construction

A DNA sequence encoding the N-terminal segment (Met 1-Arg 338) of the influenza hemagglutinin (A/Guinea fowl/Hong Kong/WF10/99 (H9N2)) (AAO46082.1), termed as HA1, was expressed, fused with a C-terminal polyhistidine tag.

Organism

H9N2

Expression Host

Human Cells

QC Testing

Purity

> 97 % 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

Asp 19

Molecular Mass

The secreted recombinant influenza A H9N2 HA1 subunit (A/Guinea fowl/Hong Kong/WF10/99 (H9N2)) comprises 331 amino acids and has a predicted molecular mass of 37 kDa. As a result of glycosylation, it migrates as an approximately 55-65 kDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile PBS, 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

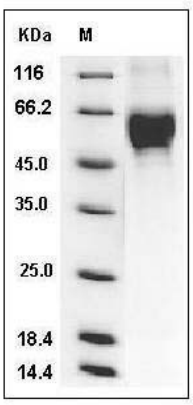
Storage

Store it under sterile conditions at -20℃ to -80℃. 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 H9N2 (A/Guinea fowl/Hong Kong/WF10/99) Hemagglutinin Protein (HA1 Subunit) (His Tag) SDS-PAGE