H7N9 HA (His Tag) recombinant protein

Catalog Number: 502832

General Information

Protein Construction

A DNA sequence encoding the Influenza A virus (A/Hangzhou/1/2013(H7N9)) (AGI60301.1) hemagglutinin (Met1-Gly338), termed as HA1, was expressed with a C-terminal polyhistidine tag.

Organism

H7N9

Expression Host

Human 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℃

Predicted N terminal

Asp 19

Molecular Mass

The recombinant HA1 subunit of Influenza A virus (A/Hangzhou/1/2013(H7N9)) hemagglutinin comprises 331 amino acids and has a predicted molecular mass of 36.2 kDa. The apparent molecular mass of the protein is approximately 39-47 kDa 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

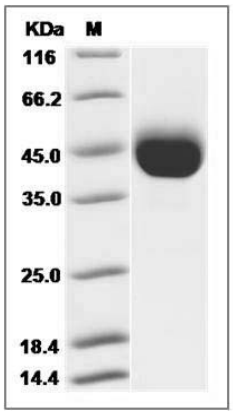
Storage

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 H7N9 (A/Hangzhou/1/2013) Hemagglutinin Protein (HA1 Subunit) (His Tag) SDS-PAGE