

H10N3 HA (His Tag) recombinant protein



Catalog Number: 503358

General Information

Protein Construction

A DNA sequence encoding the Influenza A virus (A/Australian shelduck/ Western Australia/1756/1983(H15N2)) hemagglutinin (ABB90704.1) (ABB90704.1) (Met1-Arg349), termed as HA1, was expressed with a C-terminal polyhistidine tag.

Organism

H15N2

Expression Host

Human Cells

QC Testing

Purity

> 90 % 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

Asp 19

Molecular Mass

The recombinant HA1 subunit of Influenza A virus (A/Australian shelduck/ Western Australia/1756/1983(H15N2)) comprises 342

amino acids and has a predicted molecular mass of 37.6 kDa. The apparent molecular mass of the protein is approximately 51.6 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

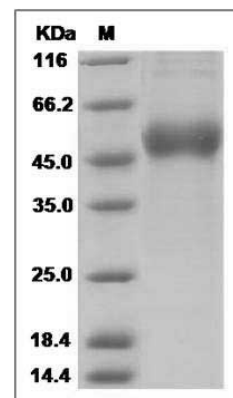
Storage

Store it under sterile conditions at -20°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 H15N2 (A/Australian shelduck/Western Australia/1756/1983) Hemagglutinin Protein (HA1 Subunit) (His Tag) SDS-PAGE