

General Information

Protein Construction

A DNA sequence encoding the Influenza A virus (A/barn swallow/Hong Kong/D10-1161/2010(H5N1)) hemagglutinin (AGC13463.1) (Met1-Arg341), termed as HA1, was expressed with a C-terminal polyhistidine tag.

Organism

H5N1

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°C

Predicted N terminal

Asp 17

Molecular Mass

The recombinant HA1 subunit of Influenza A virus (A/barnswallow/Hong Kong/D10-1161/2010(H5N1)) comprises 336

amino acids and has a predicted molecular mass of 38.2 kDa. The apparent molecular mass of the protein is approximately 53.8 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

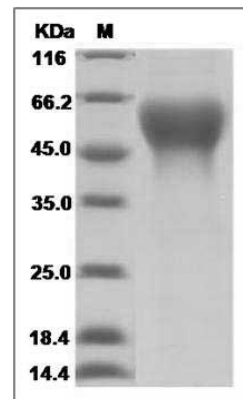
Storage

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 H5N1 (A/barnswallow/Hong Kong/D10-1161/2010) Hemagglutinin Protein (HA1 Subunit) (His Tag) SDS-PAGE