

General Information

Protein Construction

A DNA sequence encoding the Influenza A virus (A/broiler duck/Korea/Buan2/2014(H5N8)) hemagglutinin (AHL21407.1) (Met1-Arg345), termed as HA1, was expressed with a polyhistidine tag at the C-terminus.

Organism

H5N8

Expression Host

Human Cells

QC Testing

Purity

> 90 % as determined by SDS-PAGE.

Endotoxin

<1.0 EU per μg 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 the Influenza A virus (A/broiler duck/Korea/Buan2/2014(H5N8))

hemagglutinin consists of 340 amino acids and predicts a molecular mass of 38.8 kDa.

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

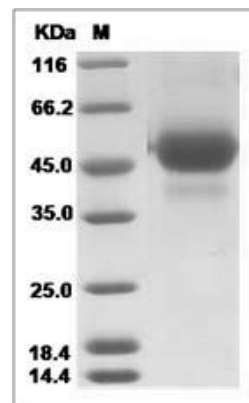
Storage

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 H5N8 (A/broiler duck/Korea/Buan2/2014(Buan2)) Hemagglutinin / HA1 Protein (His Tag)