Catalog Number: 503422



# **General Information**

#### **Protein Construction**

A DNA sequence encoding the Influenza A virus (A/bar-headed goose/Qinghai/1A/2005(H5N1)) hemagglutinin (ABF93441.1) (Met1-Arg342), 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  $\mu g$  of the protein as determined by the LAL method

## Stability

Samples are stable for up to twelve months from date of receipt at -70  $^\circ \rm C$ 

## **Predicted N terminal**

Asp 17

## **Molecular Mass**

The recombinant HA1 subunit of Influenza A virus (A/bar-headed goose/Qinghai/1A/2005(H5N1)) comprises 337 amino acids and has a predicted

molecular mass of 38.3 kDa. The apparent molecular mass of the protein is approximately 49.2 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**

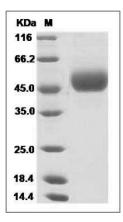
#### Storage

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/bar-headed goose/Qinghai/1A/2005) Hemagglutinin Protein (HA1 Subunit) (His Tag) SDS-PAGE