Catalog Number: 502031



## **General Information**

#### **Protein Construction**

A DNA sequence encoding the N-terminal segment (Met 1-Arg 340) of the influenza hemagglutinin (A/duck/Hong Kong/562/1979 (H10N9)) (ABI84469.1), termed as HA1, was fused with a polyhistidine tag at the C-terminus.

#### Organism

H10N9

## **Expression Host**

Human Cells

# **QC Testing**

#### Purity

> 98 % 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  $^{\circ}\mathrm{C}$ 

## **Predicted N terminal**

Asp 18

## **Molecular Mass**

The secreted recombinant HA1 subunit of influenza A H12N1 HA (A/duck/HongKong/562/1979(H10N9)) comprises 334 amino acids and has a predicted molecular mass of 36.7 kDa. As a result of glycosylation, it migrates as an approximately 45 kDa band in SDS-PAGE under reducing conditions.

#### Formulation

Lyophilized from sterile PBS, pH 7.41. 5 % trehalose and mannitol are added as protectants before lyophilization.2. Please contact us for any concerns or special requirements.

## **Usage Guide**

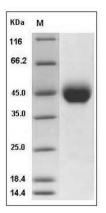
#### Storage

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 H10N9 (A/duck/HongKong/562/1979) Hemagglutinin Protein (HA1 Subunit) (His Tag) SDS-PAGE