# H11N2 HA (His Tag) recombinant protein

Catalog Number: 503917



### **General Information**

### **Protein Construction**

A DNA sequence encoding the N-terminal segment (Met 1-Arg 342) of the influenza A hemagglutinin H11N2 (A/duck/Yangzhou/906/2002 (H11N2)) (AAY85533.1), termed as HA1, was fused with a C-terminal polyhistidine tag.

### **Organism**

H11N2

## **Expression Host**

**Human Cells** 

## **QC Testing**

## **Purity**

> 97 % 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°C

### Predicted N terminal

Asp 17

### **Molecular Mass**

The secreted recombinant HA1 subunit of influenza A H11N2 HA (A/duck/Yangzhou/906/2002 (H11N2)) comprises

337 amino acids and has a predicted molecular mass of 37.3 kDa. As a result of glycosylation, it migrates as an approximately 45-50 kDa band 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**

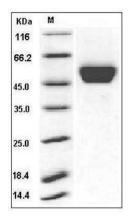
### **Storage**

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 H11N2 (A/duck/Yangzhou/906/2002) Hemagglutinin Protein (HA1 Subunit) (His Tag) SDS-PAGE