# H10N3 HA (His Tag) recombinant protein

Catalog Number: 503358



# **General Information**

### **Protein Construction**

A DNA sequence encoding the Influenza A virus (A/Australian shelduck/ Western Australia/1756/1983(H15N2)) hemagglutinin (ABB90704.1) (ABB90704.1) (Met1-Arg349), termed as HA1, was expressed with a C-terminal polyhistidine tag.

## **Organism**

H15N2

# **Expression Host**

**Human Cells** 

# **QC Testing**

# **Purity**

> 90 % 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 19

### **Molecular Mass**

The recombinant HA1 subunit of Influenza A virus (A/Australian shelduck/ Western Australia/1756/1983(H15N2)) comprises 342

amino acids and has a predicted molecular mass of 37.6 kDa. The apparent molecular mass of the protein is approximately 51.6 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**

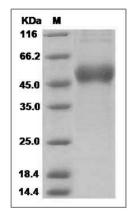
### **Storage**

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 H15N2 (A/Australian shelduck/Western Australia/1756/1983) Hemagglutinin Protein (HA1 Subunit) (His Tag) SDS-PAGE