# H5N1 HA (His Tag) recombinant protein

Catalog Number: 503254



### **General Information**

### **Protein Construction**

A DNA sequence encoding the influenza A virus (A/chicken/Yamaguchi/7/2004(H5N1)) hemagglutinin (BAD89305.1) (Met1-Glu340), termed as HA1, was expressed with a C-terminal polyhistidine tag.

### **Organism**

H5N1

## **Expression Host**

**Human Cells** 

# **QC Testing**

### **Purity**

(54.2+40.2) % 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 $^{\circ}$ C

## **Predicted N terminal**

Asp 17

#### Molecular Mass

The secreted recombinant HA subunit of influenza A virus (A/common magpie/Hong Kong/5052/2007(H5N1)) comprises 525 amino

acids and has a predicted molecular mass of 60 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**

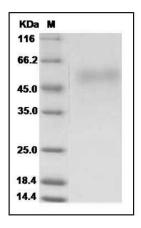
## Storage

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 H5N1 (A/chicken/Yamaguchi/7/2004) Hemagglutinin Protein (HA1 Subunit) (His Tag) SDS-PAGE