Catalog Number: 503221



# **General Information**

### **Protein Construction**

A DNA sequence encoding the extracellular domain (Met 1-Gln 529) of the influenza A H6N1 hemagglutinin (A/northern shoveler/California/ HKWF115/2007 (H6N1)) (ACE81692.1) (HA1+HA2, uncleaved) was expressed, fused with a C-terminal polyhistidine tag.

### Organism

H6N1

### **Expression Host**

Human Cells

## **QC Testing**

### Purity

> 93 % 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 17

### **Molecular Mass**

The secreted recombinant influenza A H6N1 HA (A/northern shoveler/California/HKWF115/2007 (H6N1)) comprises 524 amino acids and has a predicted molecular mass of 59.2 kDa. As a result of glycosylation, it migrates as an approximately 65 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**

KDa	M	
116	and the second	
66.2	- 4	-
45.0	-	
35.0	-	
25.0	-	
18.4	-	
14.4	-	

Influenza A H6N1 (A/northern shoveler/California/HKWF115/2007) Hemagglutinin / HA Protein (His Tag) SDS-PAGE