# H1N1 HA (His Tag) recombinant protein

Catalog Number: 502953



### **General Information**

#### **Protein Construction**

A DNA sequence encoding the Influenza A virus (A/Taiwan/01/1986 (H1N1)) hemagglutinin (ABF21274.1) (Met1-Gln529), termed as HA, was expressed with a polyhistidine tag at the C-terminus.

# **Organism**

H<sub>1</sub>N<sub>1</sub>

## **Expression Host**

**Baculovirus-Insect Cells** 

# **QC Testing**

# **Purity**

> 85 % as determined by SDS-PAGE.

### **Endotoxin**

< 1.0 EU per  $\mu g$  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 18

# Molecular Mass

The recombinant hemagglutinin of Influenza A virus (A/Taiwan/01/1986 (H1N1)) consists 523

amino acids and predicts a molecular mass of 59.1 kDa.

#### **Formulation**

Lyophilized from sterile 20 mM Tris, 500 mM NaCl,10 % glycerol, pH 8.0.

- 1. 5 % trehalose and mannitol are added as protectants before lyophilization.
- 2. Please contact us for any concerns or special requirements.

# **Usage Guide**

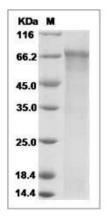
### **Storage**

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 H1N1 (A/Taiwan/01/1986) Hemagglutinin / HA Protein (His Tag)