# H3N2 HA (His Tag) recombinant protein

Catalog Number: 503282



#### **General Information**

#### **Protein Construction**

A DNA sequence encoding the N-terminal segment (Met 1-Arg 345) of the influenza hemagglutinin (A/Perth/16/2009 (H3N2)) (ACS71642.1), termed as HA1, was fused with a polyhistidine tag at the C-terminus.

#### **Organism**

H3N2

## **Expression Host**

**Human Cells** 

## **QC Testing**

#### **Purity**

> 95 % 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**

Gln 17

#### **Molecular Mass**

The secreted recombinant HA1 subunit of influenza A H3N2 HA (A/Perth/16/2009(H3N2)) comprises 340 amino acids and has a predicted

molecular mass of 38 kDa. As a result of glycosylation, it migrates as an approximately 60 kDa band in reduced SDS-PAGE.

#### **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**

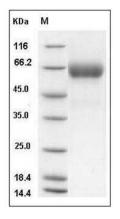
#### **Storage**

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 H3N2 (A/Perth/16/2009) Hemagglutinin Protein (HA1 Subunit) (His Tag) SDS-PAGE