

# H9N2 HA (His Tag) recombinant protein



Catalog Number: 503768

## General Information

### Protein Construction

A DNA sequence encoding the extracellular domain (Met 1-Lys 523) of the influenza A H9N2 Hemagglutinin (A/Guinea fowl/Hong Kong/WF10/99 (H9N2)) (AAO46082.1) (HA1+HA2, uncleaved) was expressed, fused with a C-terminal polyhistidine tag.

### Organism

H9N2

### Expression Host

Human Cells

## QC Testing

### Purity

> 97 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Asp 19

### Molecular Mass

The secreted recombinant influenza A H9N2 HA (A/Guinea fowl/Hong Kong/WF10/99 (H9N2)) comprises 516 amino acids and has a predicted

molecular mass of 58.2 kDa. As a result of glycosylation, it migrates as an approximately 65-75 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

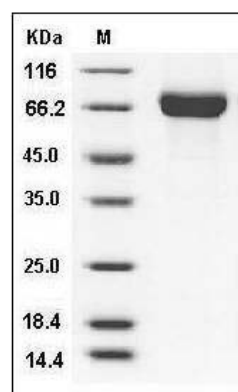
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . 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 H9N2 (A/Guinea fowl/Hong Kong/WF10/99) Hemagglutinin / HA Protein (His Tag) SDS-PAGE