

# H6N4 HA (His Tag) recombinant protein



Catalog Number: 501257

## General Information

### Protein Construction

A DNA sequence encoding the extracellular domain of influenza A virus hemagglutinin (A/chicken/HongKong/17/77 (H6N4)) (CAC84244.1) (Met 1-Gln 529), was fused with a polyhistidine tag at the C-terminus.

### Organism

H6N4

### Expression Host

Human Cells

## QC Testing

### Purity

> 88 % 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 17

### Molecular Mass

The secreted recombinant hemagglutinin of Influenza A virus (A/chicken/HongKong/17/77(H6N4)) comprises

524 amino acids and has a predicted molecular mass of 59.3 kDa. As a result of glycosylation, it migrates as an approximately 70 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

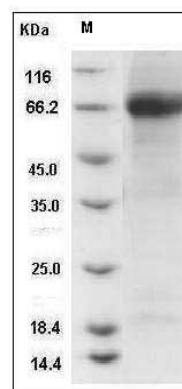
### Storage

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 H6N4 (A/chicken/HongKong/17/77) Hemagglutinin / HA Protein (His Tag) SDS-PAGE