

# H3N2 HA (His Tag) recombinant protein



Catalog Number: 500600

## General Information

### Gene Name Synonym

Hemagglutinin HA1 chain; Hemagglutinin HA2 chain

### Protein Construction

A DNA sequence encoding the influenza A virus (A/X-31 (H3N2)) hemagglutinin (P03438) (Met1-Trp530), termed as HA, 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  $\mu\text{g}$  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

Gln 17

### Molecular Mass

The secreted recombinant HA subunit of influenza A virus (A/X-31 (H3N2)) comprises 525 amino acids and has a predicted molecular mass of 59.1 kDa. It migrates as approximately 71.3 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

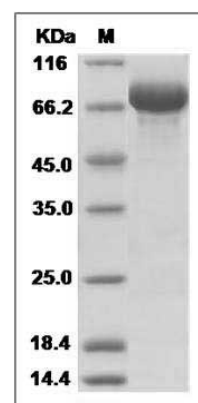
### Storage

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 H3N2 (A/X-31) Hemagglutinin / HA Protein (His Tag) SDS-PAGE