

# H13N6 HA (His Tag) recombinant protein



Catalog Number: 500198

## General Information

### Protein Construction

A DNA sequence encoding the Influenza A virus (A/black-headed gull/Sweden/1/1999(H13N6)) hemagglutinin (AAV91213.1) (Met1-Arg342), termed as HA1, was expressed with a polyhistidine tag at the C-terminus.

### Organism

H13N6

### Expression Host

Baculovirus-Insect Cells

## QC Testing

### Activity

Measured by its ability to agglutinate guinea pig red blood cells.

HA titer is 0.1-0.5µg/mL for 1%GRBC

### Purity

> 95 % as determined by SDS-PAGE.

### Endotoxin

<1.0 EU per µg 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 19

### Molecular Mass

The recombinant HA1 subunit of Influenza A virus (A/black-headed gull/Sweden/1/1999(H13N6)) consists 335 amino acids and predicts a molecular mass of 37.3 kDa.

### Formulation

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

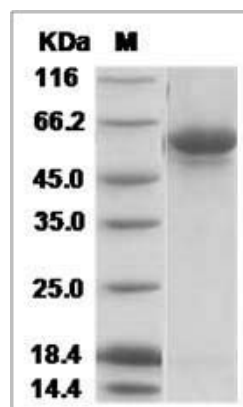
### Storage

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 H13N6 (A/black-headed gull/Sweden/1/1999) / HA Protein (His Tag)