

# H12N5 HA (His Tag) recombinant protein



Catalog Number: 500356

## General Information

### Protein Construction

A DNA sequence encoding the extracellular domain (Met 1-Lys 527) of the influenza hemagglutinin (A/green-winged teal/ALB/199/1991 (H12N5)) (ABB88110.1) (HA1+HA2,uncleaved), was fused with a C-terminal polyhistidine tag.

### Organism

H12N5

### 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 18

### Molecular Mass

The secreted recombinant influenza A H12N5 HA (A/green-winged teal/ALB/199/1991 (H12N5)) comprises 521 amino acids and has a predicted

molecular mass of 59.3 kDa. As a result of glycosylation, the apparent molecular mass of the protein is approximately 80-90 kDa 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

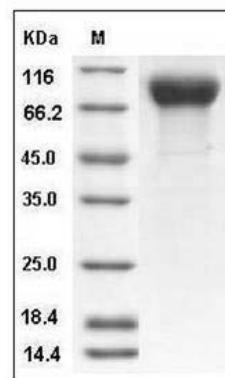
### Storage

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 H12N5 (A/green-winged teal/ALB/199/1991) Hemagglutinin / HA Protein (His Tag) SDS-PAGE