

# H4N4 HA (His Tag) recombinant protein



Catalog Number: 503879

## General Information

### Protein Construction

A DNA sequence encoding the extracellular domain (Met 1-Ile 528) of the influenza H4N4 hemagglutinin ((A/mallardduck/Alberta/299/1977 (H4N4)) (Q0A4G1), was fused with a polyhistidine tag at the C-terminus.

### Organism

H4N4

### 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

Gln 17

### Molecular Mass

The secreted recombinant influenza A H1N1 HA ((A/mallard duck/Alberta/299/1977(H4N4)) comprises 523 amino acids and has a predicted

molecular mass of 59 kDa. As a result of glycosylation, it migrates as an approximately 65 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

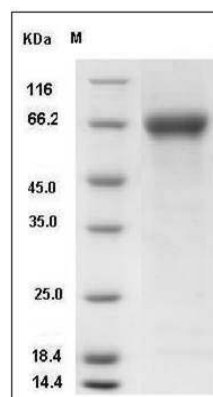
### Storage

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 H4N4 (A/mallard duck/Alberta/299/1977) Hemagglutinin / HA Protein (His Tag) SDS-PAGE