

## General Information

### Protein Construction

A DNA sequence encoding the Influenza A virus (A/Switzerland/9715293/2013(H3N2)) hemagglutinin (translated amino acids of EPI541659) (Met1-Ile566), termed as HA0, was expressed.

### Organism

H3N2

### Expression Host

Baculovirus-Insect Cells

## QC Testing

### Purity

> 75 % as determined by SDS-PAGE.

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  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 recombinant hemagglutinin of Influenza A virus (A/Switzerland/9715293/2013(H3N2)) consists of 550 amino acids and predicts a molecular mass of 61.8 kDa.

### Formulation

Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 %glycerol, pH 7.5.

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.