

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 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

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°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.