Catalog Number: 503475



General Information

Protein Construction

A DNA sequence encoding the extracellular domain of Influenza A virus H9N2 hemagglutinin (Influenza A virus (A/Hong Kong/1073/99 (H9N2)) (NP_859037.1) (Met 1-Lys 523) (HA1+HA2, uncleaved) was fused with a polyhistidine tag at the C-terminus.

Organism

H9N2

Expression Host

Human Cells

QC Testing

Purity

> 97 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70 $^{\circ}\mathrm{C}$

Predicted N terminal

Asp 19

Molecular Mass

The secreted recombinant hemagglutinin of Influenza A virus H9N2 (A/Hong Kong/1073/99) comprises 516 amino acids with the predicted molecular mass of 58 kDa. As a result of glycosylation, it migrates as an approximately 65-75 kDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile PBS, pH 7.41. 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

KDa	м	
116	-	
66.2	-	-
45.0		
35.0	-	
25.0	-	
18.4	-	
14.4	-	

Influenza A H9N2 (A/Hong Kong/1073/99) Hemagglutinin / HA Protein (His Tag) SDS-PAGE