

H10N3 HA (His Tag) recombinant protein



Catalog Number: 500502

General Information

Protein Construction

A DNA sequence encoding the extracellular domain (Met 1-Ile 525) of the influenza A H10N3 hemagglutinin (A/duck/Hong Kong/786/1979 (H10N3)) (BAF46762.1) (HA1+HA2, uncleaved) was fused with a C-terminal polyhistidine tag.

Organism

H10N3

Expression Host

Human Cells

QC Testing

Purity

> 95 % 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°C

Predicted N terminal

Asp 18

Molecular Mass

The secreted recombinant influenza A H10N3 HA (A/duck/Hong Kong/786/1979 (H10N3)) comprises

519 amino acids and has a predicted molecular mass of 57.8 kDa. As a result of glycosylation, it migrates as an approximately 60-65 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

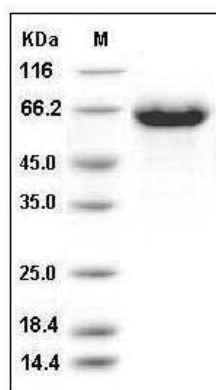
Storage

Store it under sterile conditions at -20°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



Influenza A H10N3 (A/duck/Hong Kong/786/1979) Hemagglutinin / HA Protein (His Tag) SDS-PAGE