H3N2 HA (His Tag) recombinant protein

Catalog Number: 504006

General Information

Protein Construction

A DNA sequence encoding the N-terminal segment of Influenza A virus H3N2 (A/Brisbane/10/2007 (H3N2)) hemagglutinin (ABW23353.1) (Met 1-Arg 345), termed as HA1, was fused with a polyhistidine tag at the C-terminus.

Organism

H3N2

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℃

Predicted N terminal

Gln 17

Molecular Mass

The recombinant HA1 subunit of Influenza A virus H3N2 (A/Brisbane/10/2007 (H3N2)) hemagglutinin comprises 340 amino acids with the predicted molecular mass of 38 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

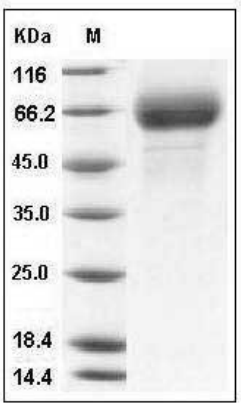
Storage

Store it under sterile conditions at -20℃ to -80℃. 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 H3N2 (A/Brisbane/10/2007) Hemagglutinin Protein (HA1 Subunit) (His Tag) SDS-PAGE