

H16N3 HA (His Tag) recombinant protein



Catalog Number: 504227

General Information

Protein Construction

A DNA sequence encoding the extracellular domain (Met 1-Lys 529) of the influenza hemagglutinin (A/black-headed gull/Sweden/5/99 (H16N3)) (AAV91217.1) (HA1+HA2, uncleaved) was expressed, fused with a C-terminal polyhistidine tag.

Organism

H16N3

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°C

Predicted N terminal

Asp 20

Molecular Mass

The secreted recombinant influenza A H16N3 HA (A/black-headed gull/Sweden/5/99 (H16N3)) comprises 521 amino acids and has a predicted

molecular mass of 58.6 kDa. As a result of glycosylation, the apparent molecular mass of the protein is approximately 65 kDa 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

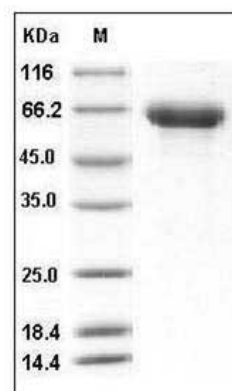
Storage

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 H16N3 (A/black-headed gull/Sweden/5/99) Hemagglutinin / HA Protein (His Tag) SDS-PAGE