

H5N8 HA (His Tag) recombinant protein



Catalog Number: 502383

General Information

Gene Name Synonym

Hemagglutinin HA1 chain; Hemagglutinin HA2 chain

Protein Construction

A DNA sequence encoding the Influenza A virus (A/turkey/Ireland/1378/1983(H5N8)) hemagglutinin (P11135) (Met1-Arg339), termed as HA1, was expressed with a polyhistidine tag at the C-terminus.

Organism

H5N8

Expression Host

Human Cells

QC Testing

Purity

> 95 % 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

Asp 17

Molecular Mass

The recombinant HA1 subunit of Influenza A virus (A/turkey/Ireland/1378/1983(H5N8)) consists 334 amino acids and predicts a molecular mass of 37.8 kDa.

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

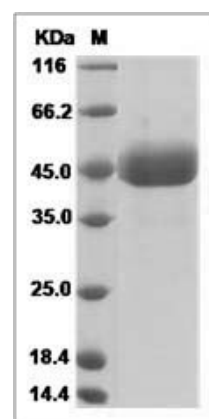
Storage

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 H5N8 (A/turkey/Ireland/1378/1983) Hemagglutinin / HA Protein (His Tag) SDS-PAGE