

H5N2 HA (His Tag) recombinant protein



Catalog Number: 504360

General Information

Protein Construction

A DNA sequence encoding the Influenza A virus (A/chicken/Iowa/04-20/2015)(H5N2) hemagglutinin (AKG52687.1) (Met1-Gln530), termed as HA, was expressed with a polyhistidine tag at the C-terminus.

Organism

H5N2

Expression Host

Baculovirus-Insect Cells

QC Testing

Purity

> 90 % 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 hemagglutinin of the Influenza A virus (A/chicken/Iowa/04-20/2015)(H5N2)

consists of 525 amino acids and predicts a molecular mass of 60 kDa.

Formulation

Lyophilized from sterile 20 mM Tris, 500 mM NaCl, pH 8.0, 10 % glycerol.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

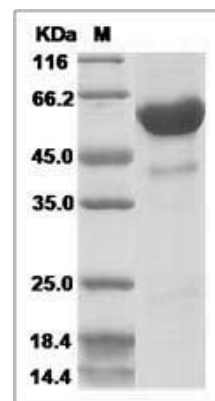
Storage

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 H5N2 (A/chicken/Iowa/04-20/2015) Hemagglutinin / HA Protein (His Tag)