

H5N1 HA (His Tag) recombinant protein



Catalog Number: 503254

General Information

Protein Construction

A DNA sequence encoding the influenza A virus (A/chicken/Yamaguchi/7/2004(H5N1)) hemagglutinin (BAD89305.1) (Met1-Glu340), termed as HA1, was expressed with a C-terminal polyhistidine tag.

Organism

H5N1

Expression Host

Human Cells

QC Testing

Purity

(54.2+40.2) % 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 17

Molecular Mass

The secreted recombinant HA subunit of influenza A virus (A/common magpie/Hong Kong/5052/2007(H5N1)) comprises 525 amino

acids and has a predicted molecular mass of 60 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

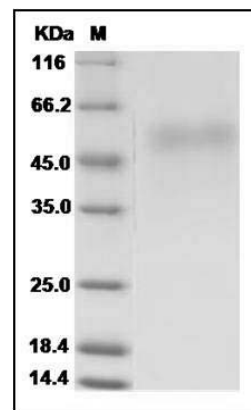
Storage

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 H5N1 (A/chicken/Yamaguchi/7/2004) Hemagglutinin Protein (HA1 Subunit) (His Tag) SDS-PAGE