H5N1 HA (His Tag) recombinant protein

Catalog Number: 504061



General Information

Protein Construction

A DNA sequence encoding the native extracellular domain of Influenza A virus (A/Anhui/1/2005 (H5N1) (ABD28180.1) hemagglutinin (Met 1-Gln 530) (Native, HA1+HA2, cleaved) was expressed with a C-terminal polyhistidine tag.

Organism

H5N1

Expression Host

Human Cells

QC Testing

Purity

> 95 % 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 hemagglutinin of Influenza A virus (A/Anhui/1/2005 (H5N1) comprises 525 amino acids with the predicted

molecular mass of 59 kDa. As a result of glycosylation, it migrates as an approximately 70 kDa band in SDS-PAGE under Non-reduced 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

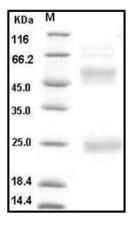
Storage

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 H5N1 (A/Anhui/1/2005) Hemagglutinin / HA Protein (His Tag) SDS-PAGE