

H14N5 HA (His Tag) recombinant protein



Catalog Number: 500158

General Information

Gene Name Synonym

Hemagglutinin HA1 chain; Hemagglutinin HA2 chain

Protein Construction

A DNA sequence encoding the Influenza A virus (A/mallard/Astrakhan/263/1982(H14N5)) hemagglutinin (P26136) (Met1-Lys342), termed as HA1, was expressed with a C-terminal polyhistidine tag.

Organism

H14N5

Expression Host

Human Cells

QC Testing

Purity

> 90 % as determined by SDS-PAGE

Endotoxin

Please contact us for more information.

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Gln 18

Molecular Mass

The recombinant HA1 subunit of Influenza A virus (A/Mallard/Astrakhan (Gurjev)/263/1982(H14N5))

comprises 341 amino acids and has a predicted molecular mass of 37.4 kDa. The apparent molecular mass of the protein is approximately 53.7 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

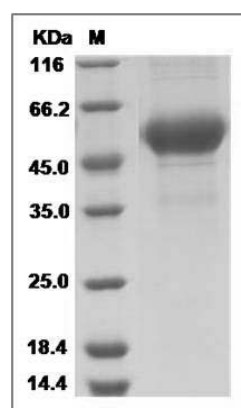
Storage

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 H14N5
(A/Mallard/Astrakhan(Gurjev)/263/1982)
Hemagglutinin Protein (HA1 Subunit) (His Tag)
SDS-PAGE