

H1N1 HA (His Tag) recombinant protein



Catalog Number: 503650

General Information

Gene Name Synonym

Hemagglutinin HA1 chain; Hemagglutinin HA2 chain

Protein Construction

A DNA sequence encoding the Influenza A virus (A/USSR/90/1977(H1N1)) hemagglutinin (P03453) (Met1-Arg344), termed as HA1, was expressed with a polyhistidine tag at the C-terminus.

Organism

H1N1

Expression Host

Human 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 18

Molecular Mass

The recombinant HA1 subunit of the Influenza A virus hemagglutinin (A/USSR/90/1977(H1N1)) consists 338 amino acids and predicts a molecular mass of 38.3 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

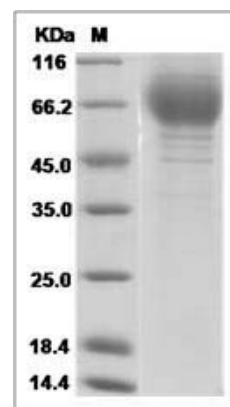
Storage

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 H1N1 (A/USSR/90/197)
Hemagglutinin Protein (HA1 Subunit) (His Tag)