

H1N1 HA (His Tag) recombinant protein



Catalog Number: 503736

General Information

Protein Construction

A DNA sequence encoding the Influenza A virus (A/California/04/2009 (H1N1)) hemagglutinin (ACP41105.1) (Met1-Gly519, with a mutation Tyr 108 Phe), termed as HA, was expressed with a polyhistidine tag at the C-terminus.

Organism

H1N1

Expression Host

Baculovirus-Insect Cells

QC Testing

Purity

> 95 % 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 hemagglutinin of Influenza A virus (A/California/04/2009 (H1N1)) consists of

513 amino acids and predicts a molecular mass of 57.8 kDa.

Formulation

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

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

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

Usage Guide

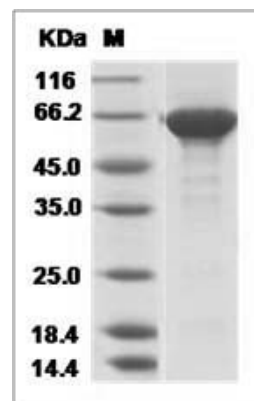
Storage

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/California/4/2009)
Hemagglutinin / HA-specific B cell probe (His Tag)