

H1N1 HA (His Tag) recombinant protein



Catalog Number: 501681

General Information

Protein Construction

A DNA sequence encoding the Influenza A virus (A/Ohio/07/2009 (H1N1)) hemagglutinin (ACR38870.1) (Met1-Arg344), termed as HA1, was expressed with a C-terminal polyhistidine tag.

Organism

H1N1

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 recombinant HA1 subunit of Influenza A virus (A/Ohio/07/2009 (H1N1)) comprises 338 amino acids and has a predicted molecular mass of 37.7 kDa. The apparent molecular mass of the protein

is approximately 52.9 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

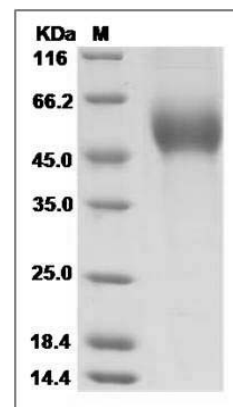
Store it under sterile conditions at -20°C to -80°C .

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 H1N1 (A/Ohio/07/2009)
Hemagglutinin Protein (HA1 Subunit) (His Tag)
SDS-PAGE