

General Information

Protein Construction

A DNA sequence encoding the Influenza A virus (A/Anhui/1/2013(H7N9)) Matrix protein 1 (EPI439506) (Met1-Lys252) was expressed with a C-terminal polyhistidine tag.

Organism

H7N9

Expression Host

E. coli

QC Testing

Purity

> 85 % 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

Met

Molecular Mass

The recombinant Matrix protein 1 of Influenza A virus (A/Anhui/1/2013(H7N9)) comprises 258 amino acids and has a predicted molecular mass of 28.5 kDa. The apparent molecular mass of the

protein is approximately 26-30 kDa in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 20 mM tris, 0.5 mM EDTA, 5% glycerol, 50 mM NaCl, pH 7.6.

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

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

Usage Guide

Storage

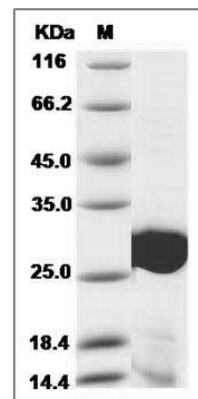
Store it under sterile conditions at -20°C to -80°C.

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 H7N9 (A/Anhui/1/2013) Matrix protein 1 / M1 Protein (His Tag) SDS-PAGE