H1N1 Influenza M1/matrix protein 1 (His Tag)

Catalog Number: 504483

General Information

Protein Construction

A DNA sequence encoding the influenza A virus (A/Brevig Mission/1/ 1918(H1N1)) matrix protein 1(Q8BAC3.1) (Met1-Lys252), termed as M1, was fused with a N-terminal polyhistidine tag.

Organism

H1N1

Expression Host

E. coli

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℃

Predicted N terminal

His

Molecular Mass

The recombinant M1 subunit of influenza A H1N1 consists of 268 amino acids and has a predicted molecular mass of 30 kDa. It migrates as an approximately 35 kDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 1mM EDTA, 50mM Tris, 50mM NaCl, 5% glycerol.
1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

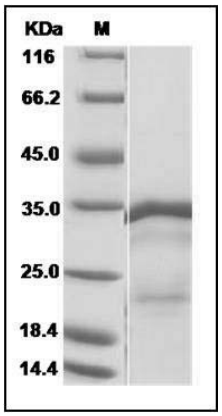
Storage

Store it under sterile conditions at -20℃ to -80℃. 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/Brevig Mission/1/1918) Matrix protein 1 / M1 Protein (His Tag) SDS-PAGE