

# H3N2 Influenza M1/matrix protein 1 (His Tag)



Catalog Number: 502408

## General Information

### Protein Construction

A DNA sequence encoding the influenza A virus (A/Aichi/2/1968(H3N2)) matrix protein 1 (AFM71858.1) (Met1-Lys252), termed as M1, was fused with a N-terminal polyhistidine tag.

### Organism

H3N2

### 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

His

### Molecular Mass

The recombinant M1 subunit of influenza A H3N2 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

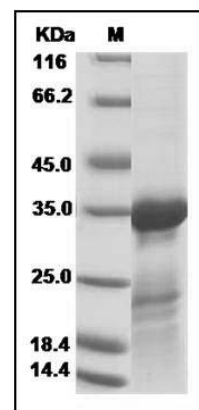
### Storage

Store it under sterile conditions at -20°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 H3N2 (A/Aichi/2/1968) Matrix protein 1 / M1 Protein (His Tag) SDS-PAGE