

# Influenza A H3N2 (A/Aichi/2/1968) Matrix protein 1 / M1 Protein (His Tag)

Catalog Number: 40215-V07E



Sino Biological  
Biological Solution Specialist

## General Information

### Gene Name Synonym:

M1

### 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.

**Source:** 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.

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

## Usage Guide

### Storage:

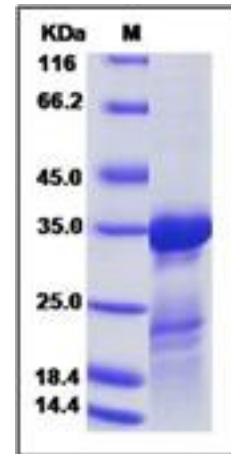
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

**Avoid repeated freeze-thaw cycles.**

### Reconstitution:

Detailed reconstitution instructions are sent along with the products.

## SDS-PAGE:



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