

Influenza A H1N1 (A/Puerto Rico/8/34/Mount Sinai) Matrix protein 1 / M1 Protein (His Tag)

Catalog Number: 40010-V07E



Sino Biological
Biological Solution Specialist

General Information

Gene Name Synonym:

M1

Protein Construction:

A DNA sequence encoding the influenza A H1N1 Virus (A/Puerto Rico/8/34/Mount Sinai) M1 protein (NP_040978.1) (Ser 2-Lys 252) was expressed, with a polyhistidine tag at the N-terminus.

Source: 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 °C

Predicted N terminal: Met

Molecular Mass:

The recombinant influenza A H1N1 Virus (A/Puerto Rico/8/34/Mount Sinai) M1 protein comprises 262 amino acids and has a predicted molecular mass of 29.3 kDa. It migrates as an approximately 29 kDa band in SDS-PAGE under reducing conditions.

Formulation:

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

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:

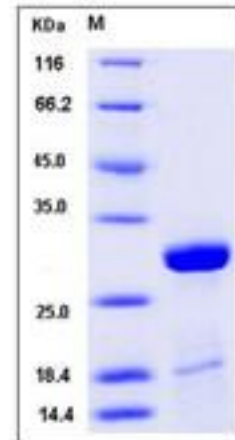
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



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