



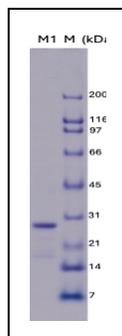
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Influenza A Virus M1 (E coli)

Catalog Number	Size
AG232-10	10ug
AG232-25	25ug
AG232-B	Bulk

Description

The influenza A virus M1 protein (M1) was expressed in the E coli system and purified by the combination of Ni-affinity column and other conventional chromatographic methods. The resulted protein contains 258 amino acids with a 6His tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 28kDa.



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MHHHHHSLLEVEVETYVLSIVPSGPLKAEIAQRLEDVFAGKNTDLEVLMEW  
LKTRPILSPLTKGILGFVFTLTVPSEERGLQRRRFVQNALNGNDPNNMDKA  
VKLYRKLKREITFHGAKEIALSYSAGALACCMGLIYNRMGAVTTEVAFGLV  
CATCEQIDDSQHRSHRQMVTTTNPLIRHENRMVLASTTAKAMEQMAGSSEQ  
AAEAMDIASQARQMVQGMRTVGTHTPSSAGLKDDLLENLQAYQKRMGVQMQ  
RFK-
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Source

E coli

Molecular Mass

Approximately 28Da.

Purity

≥90%, as determined by SDS-PAGE.

Biological Activity

The influenza A virus M1 protein (M1) is a matrix protein playing essential roles in virus replication. The recombinant M1 protein is suitable for the studies of protein-protein interaction and other related function assays.

Formulation

20mM Tris-Cl (pH7.9), 20% glycerol 100mM NaCl, 1mM DTT and 1mM EDTA.

Storage

The protein sample can be stored under sterile conditions at 2-8°C for one month or at -20°C to -70°C for three months without detectable loss of activity. **(Avoid repeated freeze-thaw cycle)**

FOR RESEARCH USE ONLY!!!