



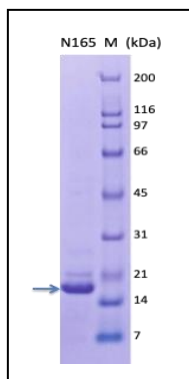
AscentGene, Inc.  
900 Clopper Road  
Suite 130  
Gaithersburg, MD 20878

## Influenza A Virus M1-N165 (E coli)

Catalog Number	Size
AG233-10	10ug
AG233-25	25ug
AG233-B	Bulk

### Description

The N-terminus of influenza A virus M1 protein (N165) 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 171 amino acids with a 6His tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 18kDa.



```
MHHHHHSLLTEVETYVLSIVPSGPLKAEIAQRLEDVFAGKNTDLEVLMEW
LKTRPILSPLTKGILGFVFTLTVPSEERGLQRRRFVQNALNGNDPNNMDKA
VKLYRKLKREITFHGAKEIALSYSAGALACCMGLIYNRMGAVTTEVAFGLV
CATCEQIDDSQHRSHRQM-
```

### Source

*E coli*

### Molecular Mass

Approximately 18Da.

### 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 (N-terminus) 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!!!**