

Recombinant H1N1 (A/Brevig Mission/1/1918) M1 Protein, His-tagged

Cat. No. M1-721V **Lot. No.** (See product label)

SPECIFICATION

| | |
|-----------------------------|---|
| Product Overview | Recombinant influenza A virus (A/Brevig?Mission/1/ 1918(H1N1)) matrix protein 1(Q8BAC3.1) (Met1-Lys252), termed as M1, was fused with a N-terminal polyhistidine tag. |
| Species | H1N1 |
| Source | E.coli |
| ProteinLength | 1-252 a.a. |
| Predicted N Terminal | His |
| Form | Lyophilized from sterile 1mM EDTA, 50mM Tris, 50mM NaCl, 5% glycerol, 5%~8% trehalose and mannitol. |
| Molecular Mass | The recombinant M1 subunit of influenza A H1N1 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. |
| Endotoxin | < 1.0 EU per µg of the protein as determined by the LAL method. |
| Purity | >90 % as determined by SDS-PAGE. |
| Stability | Samples are stable for up to twelve months from date of receipt at -70°C. |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



Storage

Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA