

Recombinant H1N1 M1 protein(Met1-Lys252), His-tagged

Cat. No. M1-416H 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 expressed in E. coli, fused with a N-terminal polyhistidine tag. |
| Species | H1N1 |
| Source | E.coli |
| ProteinLength | Met1-Lys252 |
| Form | 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. |
| 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. |
| Purity | > 90 % as determined by SDS-PAGE |
| Storage | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°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 |

 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



0.2 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