

## Recombinant H3N2 M1 protein(Met1-Lys252), His-tagged

**Cat. No.** M1-426H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant influenza A virus (A/Aichi/2/1968(H3N2)) matrix protein 1 (AFM71858.1) (Met1-Lys252), termed as M1, was expressed in E. coli, fused with a N-terminal polyhistidine tag.                                                            |
| <b>Species</b>          | H3N2                                                                                                                                                                                                                                            |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | Met1-Lys252                                                                                                                                                                                                                                     |
| <b>Form</b>             | 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.                                                                  |
| <b>Molecular Mass</b>   | The recombinant M1 subunit of influenza A H3N2 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.                                     |
| <b>Purity</b>           | > 85 % as determined by SDS-PAGE                                                                                                                                                                                                                |
| <b>Storage</b>          | 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. |
| <b>Reconstitution</b>   | 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](mailto: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](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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