

# Recombinant Influenza A H1N1 (A/Michigan/45/2015) HA protein, His-tagged

**Cat. No.** HA-1607I    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Influenza A H1N1 (A/Michigan/45/2015) HA protein, His-tagged<br>Recombinant Influenza A H1N1 (A/Michigan/45/2015) HA protein(EPI944618)(Met1-Ile530), fused with His tag, was expressed in HEK293.                                     |
| <b>Species</b>          | Influenza A H1N1 (A/Michigan/45/2015)                                                                                                                                                                                                              |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | Met1-Ile530                                                                                                                                                                                                                                        |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4<br>Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                       |
| <b>Molecular Mass</b>   | The recombinant Influenza A virus (A/Michigan/45/2015 (H1N1)) hemagglutinin consists of 524 amino acids and predicts a molecular mass of 59.2 kDa.                                                                                                 |
| <b>Endotoxin</b>        | < 1.0 EU per µg protein as determined by the LAL method.                                                                                                                                                                                           |
| <b>Purity</b>           | > 95 % 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.<br>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. |

 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

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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