# Recombinant Influenza A H1N1 (A/Taiwan/4845/1999) HA protein(Met1-Ser523), His-tagged

**Cat. No.** HA-3349V **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Influenza A virus (A/Taiwan/4845/1999 (H1N1)) hemagglutinin (ABD59849)(Met1-Ser523), termed as HA, was expressed in HEK293 with a polyhistidine tag at the C-terminus. |
| **Species** | H1N1 |
| **Source** | HEK293 |
| **ProteinLength** | Met1-Ser523 |
| **Form** | Lyophilized from sterile 20 mM Tris, 50 mM NaCl, 5 % trehalose, 0.05 % chaps, 2 M urea, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. |
| **Molecular Mass** | The recombinant hemagglutinin of the Influenza A virus (A/Taiwan/4845/1999 (H1N1)) consists of 518 amino acids and predicts a molecular mass of 58.4 kDa. |
| **Endotoxin** | < 1.0 EU per μg protein as determined by the LAL method. |
| **Purity** | > 75 % 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. |

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| **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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