

# Recombinant H1N1 (A/USSR/90/1977) HA Protein, His-tagged

**Cat. No.** HA-421H **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant H1N1 (A/USSR/90/1977) HA Protein(Met1-Ser524), termed as HA, was expressed in HEK293 with a polyhistidine tag at the C-terminus.                                                                                                    |
| <b>Species</b>          | H1N1                                                                                                                                                                                                                                            |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | Met1-Ser524                                                                                                                                                                                                                                     |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4.                                                                                                                                                                                                           |
| <b>Molecular Mass</b>   | The recombinant hemagglutinin of the Influenza A virus (A/USSR/90/1977 (H1N1)) consists of 519 amino acids and predicts a molecular mass of 58.8 kDa.                                                                                           |
| <b>Endotoxin</b>        | < 1.0 EU per µg protein as determined by the LAL method.                                                                                                                                                                                        |
| <b>Purity</b>           | > 90 % 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 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                                   |

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