

## Recombinant Influenza A H1N1 (A/Swine/Minnesota/55551/2000) HA protein, His-tagged

Cat. No. HA-0422H Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                                                                                                                                                                     |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant Influenza A H1N1 (A/Swine/Minnesota/55551/2000) HA protein(Ala17-Ser524)(AAL87868), fused with His tag, was expressed in HEK293.                                                                                                                                        |
| Species          | Influenza A H1N1 (A/Swine/Minnesota/55551/2000)                                                                                                                                                                                                                                     |
| Source           | HEK293                                                                                                                                                                                                                                                                              |
| ProteinLength    | Ala17-Ser524                                                                                                                                                                                                                                                                        |
| Form             | Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA. |
| Molecular Mass   | The recombinant hemagglutinin of the Influenza A virus (A/Swine/Minnesota/55551/2000 (H1N1)) consists of 519 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           | > 95 % as determined by SDS-PAGE.                                                                                                                                                                                                                                                   |
| Storage          | 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                                                                                                        |

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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 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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