

# Recombinant Influenza A H1N1 (A/swine/Denmark/19216B/1993) NA protein(His36-Lys469), His-tagged

**Cat. No.** NA-3265V    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Influenza A virus (A/swine/Denmark/19216B/1993 (H1N1)) neuraminidase (AKJ83184) (His36-Lys469), termed as NA, was expressed in HEK293, fused with a N-terminal polyhistidine tag. |
| <b>Species</b>          | H1N1                                                                                                                                                                                          |
| <b>Source</b>           | HEK293                                                                                                                                                                                        |
| <b>ProteinLength</b>    | His36-Lys469                                                                                                                                                                                  |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                                |
| <b>Molecular Mass</b>   | The recombinant Influenza virus A (A/swine/Denmark/19216B/1993 (H1N1)) neuraminidase consists of 453 amino acids and predicts a molecular mass of 50.2 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                    |

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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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