

Recombinant Influenza A H1N1 (A/swine/Canada/01093/2006) NA protein(His36-Lys469), His-tagged

Cat. No. NA-3266V Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Influenza A virus (A/swine/Canada/01093/2006 (H1N1)) neuraminidase (AKM14549) (His36-Lys469), termed as NA, was expressed in HEK293, fused with a N-terminal polyhistidine tag.

Species H1N1

Source HEK293

ProteinLength His36-Lys469

Form Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.

Molecular Mass The recombinant Influenza virus A (A/swine/Canada/01093/2006 (H1N1)) neuraminidase consists of 453 amino acids and predicts a molecular mass of 50.2 kDa.

Endotoxin < 1.0 EU per µg protein as determined by the LAL method.

Purity > 80 % 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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