

Active Recombinant Influenza A H1N1 (A/USSR/90/1977) NA protein(Met1-Lys470)

Cat. No. NA-3400H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza virus A (A/USSR/90/1977)(H1N1)) Neuraminidase (P03469.2) (Met1-Lys470), termed as NA, was expressed in HEK293.
Species	H1N1
Source	HEK293
ProteinLength	Met1-Lys470
Form	Lyophilized from sterile PBS, 1%Triton X-100 PH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to cleave a fluorogenic substrate, 2'-(4-Methylumbelliferyl)- α -D-N-acetylneuraminic acid. The specific activity is > 150 U. The specific activity is > 1 500 U.
Molecular Mass	The recombinant Influenza virus A (A/USSR/90/1977)(H1N1)) Neuraminidase consists of 470 amino acids and predicts a molecular mass of 51.9 kDa.
Endotoxin	< 1.0 EU per μ g protein as determined by the LAL method.
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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