Active Recombinant Influenza A H7N9 (A/Anhui/1/2013) NA protein

Cat. No. NA-0403H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A H7N9 (A/Anhui/1/2013) NA protein(His36-Leu465)(EPI439509) was expressed in HEK293.
Species	Influenza A H7N9 (A/Anhui/1/2013)
Source	HEK293
ProteinLength	His36-Leu465
Form	Lyophilized from sterile PBS, 0.6%Triton-100, 6% trehalose 5.3% mannitol PH 7.4Please 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.
Bio-activity	Measured by its ability to cleave a fluorogenic substrate, 2'-(4-Methylumbelliferyl)-α-D-N-acetylneuraminic acid.The specific activity is > 100 U.The specific activity is > 15 00 U.One unit is defined as the amount of enzyme required to cleave 1 nmole of 2'-(4-Methylumbelliferyl)-α-D-N-acetylneuraminic acid per minute at pH 7.5 at 37°C.
Molecular Mass	The influenza H7N9 virus Neuraminidase comprises 430 amino acids
Endotoxin	< 1.0 EU per μg of the 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

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	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.
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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