

Active Recombinant Influenza A H9N2 NA protein

Cat. No. NA-0401H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Influenza A H9N2 NA protein was expressed in HEK293. |
| Species | Influenza A H9N2 |
| Source | HEK293 |
| Form | Lyophilized from sterile PBS, 0.6% Triton X-100, 7% Trehalose, 6% Mannitol, 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. |
| Bio-activity | Measured by its ability to cleave a fluorogenic substrate, 2'-(4-Methylumbelliferyl)- α -D-N-acetylneuraminic acid. The specific activity is > 60 U. The specific activity is > 500 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 H9N2 virus Neuraminidase comprises 469 amino acids. |
| Endotoxin | < 1.0 EU per μ g 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. 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 |

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

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