

# Active Recombinant Influenza A Virus NA, His-tagged

**Cat. No.** NA-283I    **Lot. No.** (See product label)

## SPECIFICATION

|                             |                                                                                                                                                                                                                                                                                                              |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Influenza A Virus NA (Accession # AAF77036) Ser37-Lys469, fused with an N-terminal 6-His tag, was produced in Spodoptera frugiperda, Sf 21 (baculovirus)-derived.                                                                                                                                |
| <b>Species</b>              | Influenza A Virus                                                                                                                                                                                                                                                                                            |
| <b>Source</b>               | Sf21 Cells                                                                                                                                                                                                                                                                                                   |
| <b>ProteinLength</b>        | 37-469 a.a.                                                                                                                                                                                                                                                                                                  |
| <b>Predicted N Terminal</b> | His                                                                                                                                                                                                                                                                                                          |
| <b>Form</b>                 | Supplied as a 0.2 µ filtered solution in Tris-HCl and NaCl.                                                                                                                                                                                                                                                  |
| <b>Bio-activity</b>         | Measured by its ability to cleave a fluorogenic substrate, 2''-(4-Methylumbelliferyl)-alpha -D-N-acetylneuraminic acid. The specific activity is >2,500 pmol/min/µg, as measured under the described conditions. See Activity Assay Protocol on <a href="http://www.RnDSystems.com">www.RnDSystems.com</a> . |
| <b>Molecular Mass</b>       | Recombinant Influenza A Virus NA, His-tagged has a calculated MW of 48 kDa. In SDS-PAGE migrates as 57 kDa, reducing conditions.                                                                                                                                                                             |
| <b>Purity</b>               | >80%, by SDS-PAGE under reducing conditions and visualized by silver stain.                                                                                                                                                                                                                                  |
| <b>Storage</b>              | Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In                                                                                                                                                                                                                        |

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lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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