N4 Neuraminidase (NA) Protein from Influenza Virus, A/grey teal/Australia/2/1979 (H4N4), Recombinant from baculovirus

Catalog No. NR-656
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For research use only. Not for human use.

Contributor and Manufacturer:
NIH - Influenza Pandemic Preparedness in Asia Program

Product Description:
Recombinant N4 neuraminidase (NA) protein from influenza virus A/grey teal/Australia/2/1979 (H4N4)1 was produced in Sf9 insect cells using a baculovirus expression vector system.1,3 Recombinant N4 NA protein was purified using conventional chromatographic techniques.

Material Provided:
Each vial contains 0.25 mL of purified recombinant N4 NA protein in 20 mM sodium phosphate and 0.5 M N-methyl-D-mannopyranoside (pH 8.0). The concentration, expressed as μg/mL, is shown on the Certificate of Analysis.

Packaging/Storage:
Purified recombinant N4 NA protein was packaged aseptically, in screw-capped plastic cryovials. This product is provided on wet ice and should be stored at 2 to 8°C immediately upon arrival.

Functional Activity:
NR-656 is biologically active in a neuraminidase assay. NR-656 is specific to the N4 NA subtype of influenza virus as determined in serological neuraminidase inhibition (NI) assays. NR-656 demonstrates reactivity in NI and ELISA assays within the N4 NA subtype. Applications: NI, ELISA, SDS-PAGE, Western blot, antiserum preparation (immunogen).

Citation:
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: N4 Neuraminidase (NA) Protein from Influenza Virus, A/grey teal/Australia/2/1979 (H4N4), Recombinant from baculovirus, NR-656.”

Biosafety Level: 1

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NR-656 is claimed in U.S. Patent Numbers 5,762,939 and 6,103,526, and the continuations, continuations-in-part, re-issues and foreign counterparts thereof. Commercial use also requires a license from Protein Sciences Corporation, Meriden, Connecticut. For information call 203-686-0800.

References:

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