H9 Hemagglutinin (HA) Protein from Influenza Virus, A/chicken/Hong Kong/G9/1997 (H9N2), Recombinant from baculovirus

Catalog No. NR-659
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Contributor and Manufacturer:
NIH - Influenza Pandemic Preparedness in Asia Program

Product Description:
Recombinant H9 hemagglutinin (HA) protein from influenza virus A/chicken/Hong Kong/G9/1997 (H9N2) was produced in Sf9 insect cells using a baculovirus expression vector system. Recombinant H9 HA protein was purified using conventional chromatographic techniques.

Material Provided:
Each vial contains 0.25 mL of purified recombinant H9 HA protein in 20 mM sodium phosphate (pH 7.0), 150 mM sodium chloride, 300 mM mannopyranoside and 0.01% Tween-20. The concentration, expressed as µg/mL, is shown on the Certificate of Analysis.

Packaging/Storage:
Purified recombinant H9 HA 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-659 is not active in a hemagglutination assay with 0.5% chicken red blood cells. Thus, serological hemagglutination inhibition tests are not possible. In ELISA assays, NR-659 reacts with reference antisera within the H9 HA subtype. Applications: ELISA, SDS-PAGE, Western blot, antiserum preparation (immunogen).

Citation:
Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: H9 Hemagglutinin (HA) Protein from Influenza Virus, A/chicken/Hong Kong/G9/1997 (H9N2), Recombinant from baculovirus, NR-659."

Biosafety Level: 1

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NR-659 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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