H5 Hemagglutinin (HA) Protein from Influenza Virus, A/Hong Kong/156/1997 (H5N1), Recombinant from baculovirus

Catalog No. NR-652
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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 H5 hemagglutinin (HA) protein from influenza virus A/Hong Kong/156/1997 (H5N1) was produced in Sf9 insect cells using a baculovirus expression vector system. Recombinant H5 HA protein was purified using conventional chromatographic techniques.

Material Provided:
Each vial contains approximately 0.25 mL of purified recombinant H5 HA protein in 10 mM sodium phosphate (pH 7.4), 150 mM sodium chloride and 0.01% Tween-20. The concentration, expressed as μg/mL, is shown on the Certificate of Analysis.

Packaging/Storage:
Purified recombinant H5 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-652 is biologically active in a hemagglutination assay with 0.5% chicken red blood cells. NR-652 is specific to the H5 HA subtype of influenza virus as determined in serological hemagglutination inhibition (HI) assays. NR-652 demonstrates reactivity in HI and ELISA assays within the H5 HA subtype.

Applications: HI, ELISA, SDS-PAGE, Western blot, antiserum preparation (immunogen).

Citation:
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: H5 Hemagglutinin (HA) Protein from Influenza Virus, A/Hong Kong/156/1997 (H5N1), Recombinant from baculovirus, NR-652.”

Biosafety Level: 1

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NR-652 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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