

Hemagglutinin (HA) Protein from Influenza Virus, B/Ohio/1/2005, Recombinant from Baculovirus

Catalog No. NR-19243

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Contributor:

NIH Biodefense and Emerging Infections Research Resource Repository

Manufacturer:

Protein Sciences Corporation

Product Description:

Hemagglutinin (HA) protein from influenza virus, B/Ohio/1/2005¹ is a full-length glycosylated recombinant protein that was produced in Sf9 insect cells using a baculovirus expression vector system.^{2,3} Recombinant HA protein was purified under conditions that preserve its biological activity and tertiary structure. Sequence information is available for influenza virus, B/Ohio/1/2005 at the [Influenza Research Database](#).

Material Provided:

Each vial contains approximately 100 µg of purified recombinant HA protein in 10 mM sodium phosphate buffer, pH 7.4, containing 150 mM sodium chloride and 0.005% Tween-20. The concentration, expressed as µg/mL, is shown on the Certificate of Analysis.

Packaging/Storage:

Purified recombinant HA protein was packaged aseptically. This product is provided on refrigerated bricks and should be stored at 2°C to 8°C immediately upon arrival. Do not freeze.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through the NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH: Hemagglutinin (HA) Protein from Influenza Virus, B/Ohio/1/2005, Recombinant from Baculovirus, NR-19243."

Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. [Biosafety in Microbiological and Biomedical Laboratories](#), 5th ed. Washington, DC: U.S. Government Printing Office, 2007; see www.cdc.gov/od/ohs/biosfty/bmb15/bmb15toc.htm.

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NR-19243 is claimed in U.S. Patent Numbers 5,762,939 and 6,103,526, and the continuations, continuations-in-part, reissues and foreign counterparts thereof. Commercial use also requires a license from Protein Sciences Corporation, Meriden, Connecticut. For information call 203-686-0800.

References:

1. Smith, N. M., et al. "Prevention and control of influenza. Recommendations of the Advisory Committee on Immunization Practices (ACIP)." *MMWR Recomm Rep*. 55 (2006):1-42 PubMed: 16874296.
2. Smith, G. E., et al. Method for Producing Influenza Hemagglutinin Multivalent Vaccines Using Baculovirus. MG-PMC, LLC, assignee. U.S. Patent 5,762,939. 09 Jun. 1998.
3. Smith, G. E., et al. *Spodoptera frugiperda* Single Cell Suspension Cell Line in Serum-Free Media, Methods of Producing and Using. Protein Sciences Corporation, assignee. U.S. Patent 6,103,526. 15 Aug. 2000.

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