

Hemagglutinin (HA) Protein from Influenza Virus, B/Florida/4/2006, Recombinant from Baculovirus

Catalog No. NR-15169

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Contributor:

BEI Resources

Manufacturer:

Protein Sciences Corporation

Product Description:

The hemagglutinin (HA) protein from influenza virus B/Florida/4/2006¹ is a full-length glycosylated recombinant protein that was produced in Sf9 or ExpressSF+[®] insect cells using a baculovirus expression vector system.^{2,3} The recombinant HA protein was purified under conditions that preserve its biological activity and tertiary structure.

Material Provided:

Each vial of lot 58774839 contains approximately 120 µg (0.12 mL) of purified recombinant HA protein. Each vial of lot 61696225 contains approximately 96 µg (0.15 mL) of purified recombinant HA protein. Both lots are suspended in 10 mM sodium phosphate buffer, pH 7.0, 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, in screw-capped plastic cryovials. 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 BEI Resources, NIAID, NIH: Hemagglutinin (HA) Protein from Influenza Virus, B/Florida/4/2006, Recombinant from Baculovirus, NR-15169."

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, 2009; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.

Disclaimers:

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NR-15169 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. <http://www.who.int/csr/disease/influenza/vaccinerecommendations/en/index.html>
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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