

## H7 Hemagglutinin (HA) Protein from Influenza Virus, A/Anhui/1/2013 (H7N9), Recombinant from Baculovirus

### Catalog No. NR-45118

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### For research use only. Not for human use.

#### Contributor:

St. Jude Children's Research Hospital (CEIRS)

#### Manufacturer:

Protein Sciences Corporation

#### Product Description:

The H7 hemagglutinin (HA) protein from influenza virus A/Anhui/1/2013 (H7N9) is a full-length glycosylated recombinant protein that was produced in *expressSF+*<sup>®</sup> insect cells using a baculovirus expression vector system.<sup>1,2</sup> The recombinant H7 HA protein was purified using conventional chromatographic techniques.

#### Material Provided:

Each vial contains 188 µg of purified recombinant HA protein in buffer containing 10 mM sodium phosphate, 150 mM NaCl and 0.005% Tween-20 (pH 7.0). The concentration, expressed as µg/mL, and protein content are 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: H7 Hemagglutinin (HA) Protein from Influenza Virus, A/Anhui/1/2013 (H7N9), Recombinant from Baculovirus, NR-45118."

#### 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](http://www.cdc.gov/biosafety/publications/bmbl5/index.htm).

#### Disclaimers:

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NR-45118 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, 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.
2. 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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