

H1 Hemagglutinin (HA) Protein with C-Terminal Histidine Tag from Influenza Virus, A/New York/18/2009 (H1N1), Recombinant from Baculovirus

Catalog No. NR-19441

This reagent is the tangible property of the U.S. Government.

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Contributor:

BEI Resources

Manufacturer:

Chesapeake PERL, Inc.

Product Description:

A recombinant form of the H1 hemagglutinin (HA) protein from influenza virus, A/New York/18/2009 was produced by baculovirus infection of *Trichoplusia ni* insect larvae and purified by standard chromatographic methods.¹ Sequence information is available for influenza virus, A/New York/18/2009 (H1N1) at the [Influenza Research Database](#).

Material Provided:

Each vial contains approximately 1.0 mg of purified recombinant H1 HA protein in 50 mM Tris-HCl and 100 mM NaCl with 15% glycerol (w/v). The concentration, expressed as mg/mL, is shown on the Certificate of Analysis.

Packaging/Storage:

Purified recombinant H1 HA protein was packaged aseptically, in screw-capped plastic cryovials. This product is provided on dry ice and should be stored at -80°C or colder. Before opening, tap the vial gently to bring all material to the bottom of the tube. Repeated freeze-thaw cycles should be avoided.

Citation:

Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: H1 Hemagglutinin (HA) Protein with C-Terminal Histidine Tag from Influenza Virus, A/New York/18/2009, Recombinant from Baculovirus, NR-19441.”

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.

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References:

- O’Connell, K. P., et al. “Production of a Recombinant Antibody Fragment in Whole Insect Larvae.” [Mol. Biotechnol.](#) 36 (2007): 44-51. PubMed: 17827537.

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