

H3 Hemagglutinin (HA) Protein from Influenza A Virus, A/Hong Kong/4801/2014 (H3N2), Recombinant from Baculovirus

Catalog No. NR-58621

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

For research use only. Not for use in humans.

Contributor and Manufacturer:

St. Jude Children's Research Hospital (SJCRH), Memphis, Tennessee, USA, supported under government contract 75N93021C00016, NIAID CEIRR program

Product Description:

A recombinant form of the ectodomain of the H3 hemagglutinin (HA) protein from influenza A virus, A/Hong Kong/4801/2014 (H3N2), with a hexa-histidine tag was produced in Sf9 insect cells using a baculovirus expression vector system and purified using ion exchange and affinity chromatography.¹ **NR-58621 does not exhibit hemagglutination activity.**

Material Provided:

Each vial contains approximately 0.25 mL of purified recombinant HA protein in 50 mM Tris (pH 7.8) with 500 mM NaCl and 10% glycerol. The concentration, expressed as mg per mL, is shown on the Certificate of Analysis.

Packaging/Storage:

NR-58621 was packaged aseptically in cryovials. This product is provided on refrigerated bricks and should be stored at 2°C to 8°C immediately upon arrival. Freeze-thaw cycles should be avoided.

Functional Activity:

NR-58621 is functional in SDS-PAGE, western blot and ELISA.¹

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: H3 Hemagglutinin (HA) Protein from Influenza A Virus, A/Hong Kong/4801/2014 (H3N2), Recombinant from Baculovirus, NR-58621."

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. 6th ed. Washington, DC: U.S. Government Printing Office, 2020; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.

Disclaimers:

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References:

1. Govorkova, E. A., Personal Communication.

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