

H3 Hemagglutinin (HA) Protein from Influenza A Virus, A/Darwin/9/2021 (H3N2), Recombinant from Baculovirus

Catalog No. NR-59305

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For research use only. Not for use in humans.

Contributor and Manufacturer:

St. Jude Children's Research Hospital, Memphis, Tennessee, USA

Product Description:

A recombinant form of the H3 Hemagglutinin (HA) protein from influenza A virus, A/Darwin/9/2021 (H3N2), was produced in Sf9 insect cells using a baculovirus expression system. The recombinant ectodomain of the HA protein and a hexahistidine tag was purified by ion exchange and affinity chromatography.¹

Material Provided:

Each vial contains 0.2 mL of purified recombinant HA protein in 50 mM Tris (pH 7.8) with 50 mM NaCl and 10% glycerol. The concentration, expressed as mg/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 blue ice and should be stored at 2°C to 8°C immediately upon arrival.

Functional Activity:

NR-59305 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/Darwin/9/2021 (H3N2), Recombinant from Baculovirus, NR-59305."

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 \(BMBL\)](#). 6th ed. Washington, DC: U.S. Government Printing Office, 2020.

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References:

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

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