

## N2 Neuraminidase (NA) Protein from Influenza A Virus, A/Hong Kong/2286/2017 (H3N2), Recombinant from Baculovirus

### Catalog No. NR-52032

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

#### Contributor and Manufacturer:

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

#### Product Description:

A recombinant form of the N2 neuraminidase (NA) protein from influenza A virus, A/Hong Kong/2286/2017 (H3N2) was produced in Sf9 insect cells using a baculovirus expression system. The recombinant NA protein containing the N2 ectodomain and a hexa-histidine tag was purified by ion exchange and affinity chromatography.<sup>1</sup>

#### Material Provided:

Each vial contains 0.3 mL of purified recombinant NA protein in 50 mM Tris (pH 8.0) with 500 mM NaCl and 10% glycerol. The concentration, expressed as mg per mL, is shown on the Certificate of Analysis.

#### Packaging/Storage:

Purified recombinant NA 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-52032 is functional in SDS-PAGE, western blot and ELISA.<sup>1</sup>

#### Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: N2 Neuraminidase (NA) Protein from Influenza A Virus, A/Hong Kong/2286/2017 (H3N2), Recombinant from Baculovirus, NR-52032."

#### 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).

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#### References:

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

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