

Product Information Sheet for NR-2698

Peptide, Influenza A Virus (H5N1) Neuraminidase, Internal Domain (IN)

Catalog No. NR-2698

For research use only. Not for human use.

Contributor and Manufacturer:

ProSci Incorporated and BEI Resources

Product Description:

NR-2698 is composed of 16 amino acids located near the middle of the neuraminidase (NA) protein of the A/chicken/Scotland/1959 (H5N1) strain of influenza virus (GenPept: CAC95053).^{1,2} This amino acid sequence is relatively conserved across H5N1 strains of the influenza A virus.

Material Provided:

Each vial contains approximately 50 µg of NR-2698 in phosphate buffered saline (pH 7.2) containing 0.1% bovine serum albumin and 0.02% sodium azide. The concentration, expressed as mg per mL, is shown on the Certificate of Analysis.

Packaging/Storage:

NR-2698 is provided frozen and should be stored at -20°C or colder immediately upon arrival. Repeated freeze-thaw cycles should be avoided.

Functional Activity:

NR-2698 blocks the activity of rabbit polyclonal antibody (BEI Resources NR-2696) reactive with the NA protein from H5N1 strains of avian influenza A virus in standard ELISA assays.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Peptide, Influenza A Virus (H5N1) Neuraminidase, Internal Domain (IN), NR-2698."

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.

Disclaimers:

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References:

1. Shortridge, K. F., et al. "Characterization of Avian H5N1 Influenza Viruses from Poultry in Hong Kong." *Virology* 252 (1998): 331–342. PubMed: 9878612.
2. Rousset, J. A. F., et al. "Characterization of Avian Influenza Viruses Isolated from Wild Birds and Sentinel Ducks During the Winter Seasons 2000–2001 and 2001–2002 in France." Unpublished. GenPept: CAC95053.

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