

**Nucleocapsid (N) Protein from Rift Valley Fever Virus, Recombinant from Baculovirus**

**Catalog No. NR-12121**

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

**Contributor:**

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**Manufacturer:**

BEI Resources

**Product Description:**

Recombinant nucleocapsid (N) protein from Rift Valley fever virus was produced in Sf9 insect cells using a baculovirus expression vector system<sup>1</sup> and purified by centrifugation through a 20% sucrose cushion followed by polymyxin B chromatography.

**Material Provided:**

Each vial contains approximately 200 µg of purified recombinant N protein in 100mM Tris (pH ~ 7.4), 100mM NaCl, and 1mM EDTA. The protein content in µg and the concentration, expressed as mg per mL, are shown on the Certificate of Analysis.

**Packaging/Storage:**

Purified recombinant 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 immediately upon arrival.

**Citation:**

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Nucleocapsid (N) Protein from Rift Valley Fever Virus, Recombinant from Baculovirus, NR-12121."

**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. Liu, L., C. C. Celma and P. Roy. "Rift Valley Fever Virus Structural Proteins: Expression, Characterization and Assembly of Recombinant Proteins." *Virology*, 5 (2008): 82. PubMed: 18638365.

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