

Nucleocapsid Protein with C-terminal Histidine Tag from Puumala Virus, P360, Recombinant from *Escherichia coli*

Catalog No. NR-9671

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Contributor:

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Product Description:

NR-9671 is a recombinant form of the nucleocapsid (N) protein of Puumala virus, P360. NR-9671 was expressed as a C-terminal histidine-tagged protein in *Escherichia coli* and purified under denaturing conditions by nickel-affinity chromatography.¹⁻³ The protein was renatured by stepwise dialysis to remove urea. NR-9671 has a molecular weight of approximately 55,000 daltons.

Material Provided:

Each vial contains approximately 200 µg of NR-9671 in PBS.

Packaging/Storage:

NR-9671 was packaged aseptically in cryovials. The product should be stored at -80°C or colder immediately upon arrival, not at -20°C or colder as indicated on the vial label.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through the NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH: Nucleocapsid Protein with C-terminal Histidine Tag from Puumala Virus, P360, Recombinant from *Escherichia coli*, NR-9671."

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. <u>Biosafety in</u> <u>Microbiological and Biomedical Laboratories</u>. 5th ed. Washington, DC: U.S. Government Printing Office, 2007; see www.cdc.gov/od/ohs/biosfty/bmbl5/bmbl5toc.htm.

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References:

- Rawlings, J. A., et al. "Cocirculation of Multiple Hantaviruses in Texas, With Characterization of the Small (S) Genome of a Previously Undescribed Virus of Cotton Rats (*Sigmodon Hispidus*)." <u>Am. J. Trop. Med.</u> <u>Hyg.</u> 55 (1996): 672-679 PubMed: 9025697.
- Torrez-Martinez, N., et al. "Bayou Virus-Associated Hantavirus Pulmonary Syndrome in Eastern Texas: Identification of the Rice Rat, *Oryzomys palustris*, as Reservoir Host." <u>Emerg. Infect. Dis.</u> 4 (1998): 105-111. PubMed: 9452404.
- Bharadwaj, M., et al. "Rio Mamore Virus: Genetic Characterization of a Newly Recognized Hantavirus of the Pygmy Rice Rat, *Oligorysomys microtis*, from Bolivia." <u>Am. J. Trop. Med. Hyg.</u> 57 (1997): 368-374. PubMed: 9311652.

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