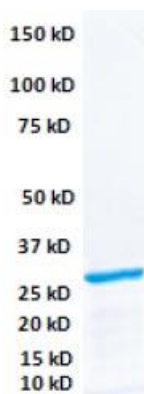


## Nucleoprotein (NP) of RVF Virus

CATALOG NUMBER: RVF-NP-050p, 50 µg

<b>Introduction</b>	<p>The Rift Valley fever (RVF) virus belongs to the Bunyavirales order. The virus' 11.5 kb tripartite genome is composed of single-stranded RNA. As a Phlebovirus, it has an ambisense genome. Its L and M segments are negative-sense, but its S segment is ambisense. These three genome segments code for six major proteins: L protein (viral polymerase), the two envelope glycoproteins G(N) and G(C), the nucleocapsid N protein, and the nonstructural NSs and NSm proteins.</p> <p>The Gn and Gc glycoproteins were earlier referred to as G1 and G2 based on apparent size on gel electrophoresis</p>
<b>Applications</b>	Western blot standard, antibody ELISA, antigen, etc.
<b>Description</b>	6x his-tagged recombinant protein expressed and purified from 293 cells
<b>Viral Protein</b>	C-terminal 6xhis-tagged RVF virus nucleoprotein (NP) (amino acid 1-245) (GenBank accession#: P21700)
<b>Storage</b>	Store at -20 °C; Stable for 6-months from the date of shipment when kept at 4 °C. Non-hazardous. No MSDS required.
<b>Concentration</b>	50 µg (1 µg/µl) in PBS
<b>Specificity</b>	≥ 95% purity.



**SDS-PAGE:** purified RVF virus NP protein

### Recombinant RVF Virus NP (aa 1-245) SEQ:

MDNYQELRVQFAAQAVDRNEIEQWVREFAYQGFDARRVIELLKQYGGADWEKDAKKMIVLALTRGNKPRRMMMKMSKEGKATVEALIN  
 KYKLKEGNPSRDELTLRVAAALAGWTCQALVVLSEWLPVTGTTMDGLSPAYPRHMMHPSFAGMVDPSLPGDYLRAILDAHSLLYLLQF  
 SRVINPNLRGRTKEEVAATFTQPMNAAVNSNFI SHEKRREFLKAFLVDSNGKPSAAVMAAAQAYKTAHHHHHHH