

Recombinant RVF Nucleocapsid Protein, His-tagged

Cat. No. NP-01R Lot. No. (See product label)

SPECIFICATION

Product Overview	<p>Recombinant RVF Nucleocapsid Protein (735 bp) with a His tag was expressed in E. coli.</p> <p>Carrier: pET30a-RV-FV-NP-His(C-term)</p> <p>Virus: Rift Valley fever virus strain MP-12 segment S, complete sequence</p>
Species	RVFV
Source	E.coli
Description	<p>Rift Valley fever (RVF) is a mosquito-borne viral zoonosis that was first discovered in Kenya in 1930 and is now endemic throughout multiple African countries and the Arabian Peninsula. RVF virus primarily infects domestic livestock (sheep, goats, cattle) causing high rates of neonatal mortality and abortion, with human infection resulting in a wide variety of clinical outcomes, ranging from self-limiting febrile illness to life-threatening haemorrhagic diatheses, and miscarriage in pregnant women. Since its discovery, RVF has caused many outbreaks in Africa and the Arabian Peninsula with major impacts on human and animal health. However, options for the control of RVF outbreaks are limited by the lack of licensed human vaccines or therapeutics.</p>
Form	Inclusion body, 0.5 mol Urea, PH=8
AA Sequence	27 kDa
Purity	Transferred into competent cells and the supernatant was purified by NI column

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affinity chromatography and the purity is > 85% (by SDS-PAGE).

Applications

Research

Storage

Store at 4 centigrade short term. Aliquot and store at -20 centigrade long term. Avoid freeze-thaw cycles.

GENE INFORMATION**Gene Name**

NP nucleocapsid [Rift Valley fever virus]

Official Symbol

NP

Synonyms

NP; nucleocapsid; nucleocapsid

Gene ID


9538291

Protein Refseq

YP_003848707

UniProt ID

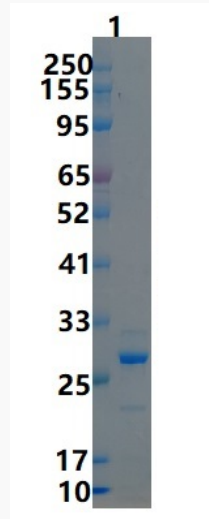
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SDS-PAGE



Rift Valley fever phlebovirus Nucleocapsid Protein, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 85%.

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