

## Chapare mammarenavirus Nucleocapsid Protein(CHAPV-NP)

Catalog: NCP0167

Tag: His-tag

Source: E. coli Expression

### BackGround:

Encapsidates the genome, protecting it from nucleases. The encapsidated genomic RNA is termed the nucleocapsid (NC). Serves as template for viral transcription and replication. The increased presence of protein N in host cell does not seem to trigger the switch from transcription to replication as observed in other negative strain RNA viruses. Through the interaction with host IKBKE, strongly inhibits the phosphorylation and nuclear translocation of host IRF3, a protein involved in interferon activation pathway, leading to the inhibition of interferon-beta and IRF3-dependent promoters activation. Encodes also a functional 3'-5' exoribonuclease that degrades preferentially dsRNA substrates and thereby participates in the suppression of interferon induction.

### Product:

Inclusion body;0.5mol Urea,PH=8

### Molecular Weight:

1686bp;47kDa

### Entrez-Gene/ Swiss-Prot:

EU260463.1

### Purification&Purity:

Transferred into competent cells and the supernatant was purified by NI column affinity chromatography and the purity is > 85% (by SDS-PAGE).

### Applications:

Reseach

### Storage&Stability:

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

### Information:

Carrier:pET30a-CHAPV-NP-His(C-term)

Virus:Chapare virus strain 810419 segment S, complete sequence

### DATA:



Chapare mammarenavirus 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%.

### Note:

For research use only, not for use in diagnostic procedure.

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