

Recombinant Full Length Marburg virus nucleoprotein Protein, His tagged

Cat. No. NP-1735M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Marburg virus NP Protein with His tag was expressed in E. coli.
Species	Marburg virus
Source	E.coli
ProteinLength	Full length
Description	Encapsidates the genome, protecting it from nucleases. The encapsidated genomic RNA is termed the nucleocapsid and serves as template for transcription and replication. During replication, encapsidation by NP is coupled to RNA synthesis and all replicative products are resistant to nucleases (By similarity).
Tag	N-His
Molecular Mass	78 kDa
AA Sequence	MHHHHHDLHSLLELGTKPTAPHVRNKKVILFDTNHQVSIQNQIIDAINSGIDLGDLL GGLLTLCVEHYNSDKDKFNTSPIAKYLRDAGYEFDVVKNADATRFLDVIPNEPHYS PLILALKTLESTESQRGRIGLFLSFCSLFLPKLVVGDRAIEKALRQVTVHQEQGIVTY PNHWLTTGHMKVIFGILRSSFILKFVLIHQGVNLVTGHDAYDSIISNSVGQTRFSGLLIV KTVLEFILQKTDSGVTLHPLVRTSKVKNEVASFKQALSNLARHGEYAPFARVLNLSGI NNLEHGLYPQLSAIALGVATAHGSTLAGVNVGEQYQQLREAAHDAEIKLQRRHEHQ

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EIQAI AEDDEERKILEQFHLQKTEITHSQTLAVLSQKREKLARLAAEIENNIVEDQGFK
 QSQNQVQSFLNDPTPVEVTVQARPINRPTALPPPVDNKIEHESTEDSSSSSSSFVDL
 NDPFALLNEDEDTLDDSVMIPTTSREFQGIAPPQRSQDLNNSQGKQEDESTNPIK
 KQFLRYQELPPVQEDDESEYTTDSQESIDQPGSDNEQGVLDLPPPPLYAQEKRDPI
 QHPAVSSQDPFGSIGDVNGDILEPIRSPSSPSAPQEDTRAREAYELSPDFTNYEDNQ
 QNWPQRVVTKKGRFTLYPNDLLQTNPPESLITALVEEYQNPVSAKELQADWPDMSF
 DERRHVAMNL

Purity > 80 % by SDS-PAGE

Storage Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Concentration 1 mg/mL

GENE INFORMATION

Gene Name NP nucleoprotein [Orthomarburgvirus marburgense]

Official Symbol NP

Synonyms NP; nucleoprotein; encapsidates RNA genome

Gene ID 920944

Protein Refseq YP_001531153

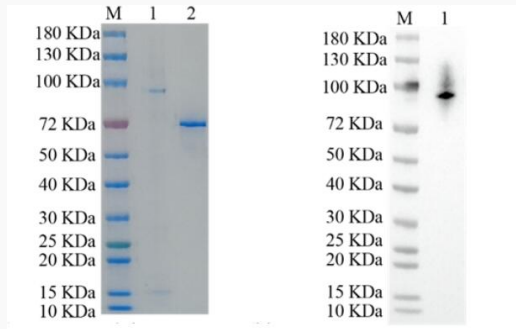
UniProt ID P27588

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**Reducing 12 % SDS-
PAGE (CBB stained)
and WB (Anti-His
Mouse Monoclonal
Antibody) analysis
profiles of purified
NP.**



1. NP
2. BSA

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