

## Recombinant Marburg Virus Nucleoprotein, His tagged

**Cat. No.** Nucleoprotein-009M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Marburg Virus Nucleoprotein (MABV-NP, NCBI Accession # YP_001531153.1) with a 6×His tag was expressed in CHO cells and purified by nickel affinity chromatography.                                                                                                                        |
| <b>Species</b>          | Marburg Virus                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | CHO                                                                                                                                                                                                                                                                                                   |
| <b>Description</b>      | 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. |
| <b>Tag</b>              | 6×His                                                                                                                                                                                                                                                                                                 |
| <b>Form</b>             | Liquid                                                                                                                                                                                                                                                                                                |
| <b>Molecular Mass</b>   | 50 kDa                                                                                                                                                                                                                                                                                                |
| <b>Purity</b>           | 0.9                                                                                                                                                                                                                                                                                                   |
| <b>Applications</b>     | ELISA, WB                                                                                                                                                                                                                                                                                             |
| <b>Preservative</b>     | 0.09% sodium azide                                                                                                                                                                                                                                                                                    |

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|                |                                                                                                                                                                                                    |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b> | Aliquots can be stored between 2 and 8 centigrade for up to one week. Following the initial thaw, prepare multiple aliquots and store at -20 to -80 centigrade. Avoid repeated freeze/thaw cycles. |
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|-------------------|-------------------------------|
| <b>Expiration</b> | 12 months from shipping date. |
|-------------------|-------------------------------|

|                       |             |
|-----------------------|-------------|
| <b>Storage Buffer</b> | PBS, pH 7.2 |
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## GENE INFORMATION

|                  |                                                    |
|------------------|----------------------------------------------------|
| <b>Gene Name</b> | NP nucleoprotein [ Orthomarburgvirus marburgense ] |
|------------------|----------------------------------------------------|

|                        |    |
|------------------------|----|
| <b>Official Symbol</b> | NP |
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|                 |                                            |
|-----------------|--------------------------------------------|
| <b>Synonyms</b> | NP; nucleoprotein; encapsidates RNA genome |
|-----------------|--------------------------------------------|

|                |        |
|----------------|--------|
| <b>Gene ID</b> | 920944 |
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|                       |              |
|-----------------------|--------------|
| <b>Protein Refseq</b> | YP_001531153 |
|-----------------------|--------------|

|                   |        |
|-------------------|--------|
| <b>UniProt ID</b> | P27588 |
|-------------------|--------|

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