# Recombinant MERS-CoV N Protein (Met1-Asp413), N-His tagged

**Cat. No.** N-5391M **Lot. No.** (See product label)

## SPECIFICATION

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|---|---|
| **Product Overview** | Recombinant MERS-CoV N/Nucleoprotein (Met1-Asp413) fused with the N-terminal His tag was expressed in E. coli. |
| **Species** | MERS-CoV |
| **Source** | E.coli |
| **ProteinLength** | Met1-Asp413 |
| **Description** | Packages the positive strand viral genome RNA into a helical ribonucleocapsid (RNP) and plays a fundamental role during virion assembly through its interactions with the viral genome and membrane protein M. Plays an important role in enhancing the efficiency of subgenomic viral RNA transcription as well as viral replication. |
| **Form** | Lyophilized powder/frozen liquid |
| **Molecular Mass** | 47.21 kDa |
| **Purity** | >90% as determined by SDS-PAGE. |
| **Notes** | For research use only. |
| **Storage** | Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the |

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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|---|---|
| | date of receipt. |
| **Storage Buffer** | Supplied as solution form in PBS pH 7.4. |
| **Reconstitution** | Reconstitute in sterile water for a stock solution. |
| **Shipping** | They are shipped out with dry ice/blue ice unless customers require otherwise. |

## GENE INFORMATION

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| **Gene Name** | N nucleocapsid protein [ Middle East respiratory syndrome-related coronavirus ] |
| **Official Symbol** | N |
| **Synonyms** | N; nucleocapsid protein; nucleoprotein |
| **Gene ID** | 14254601 |
| **Protein Refseq** | YP_009047211 |
| **UniProt ID** | R9UM87 |

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