

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

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

SPECIFICATION

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

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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

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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