

## Recombinant MERS N protein, His-tagged

Cat. No. N-0562M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant MERS N protein(Met1-Asp413), fused with His tag, was expressed in HEK293.
<b>Species</b>	MERS-CoV
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-413 a.a.
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
<b>Molecular Mass</b>	This protein carries a polyhistidine tag at the C-terminus. This protein contains a furin cleavage site, 251-RHKR-254, and is partially processed into N and C-terminal fragment with calculated MW of 17.1 kDa and 19.7 kDa respectively. The protein migrates as 23-25 kDa (C-terminus) and 46-73 kDa (full length) under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Proteinlength</b>	Met1-Asp413
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>90% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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