

Recombinant MERS N protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant MERS N protein(Met1-Asp413), fused with His tag, was expressed in HEK293.
Species	MERS-CoV
Source	HEK293
ProteinLength	1-413 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus. This protein contains a furin cleavage site, 251-RHKK-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.
Proteinlength	Met1-Asp413
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	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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