Recombinant HCoV-EMC/2012 N, His tagged

Cat. No. NP-530H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant HCoV-EMC/2012 N (AFS88943.1) (Met1-Asp413), fused with a polyhistidine tag at the C-terminus, was produced in Baculovirus-Insect cells.
Species	HCoV-EMC/2012
Source	Insect Cells
ProteinLength	1-413 a.a.
Predicted N Terminal	Met 1
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% gly, pH 8.0. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant Nucleoprotein (Human betacoronavirus 2c EMC/2012) comprises 423 amino acids and has a predicted molecular mass of 46.4 kDa. It migrates as an approximately 46 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per μg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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	be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4℃ before opening to recover the entire contents.

GENE INFORMATION

Gene Name	N?N protein [?Middle East respiratory syndrome coronavirus?]
Official Symbol	N
Gene ID	14254601
Protein Refseq	YP_009047211
UniProt ID	AFS88943

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