

## Recombinant HCoV-EMC/2012 N, His tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant HCoV-EMC/2012 N (AFS88943.1) (Met1-Asp413), fused with a polyhistidine tag at the C-terminus, was produced in Baculovirus-Insect cells.
<b>Species</b>	HCoV-EMC/2012
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	1-413 a.a.
<b>Predicted N Terminal</b>	Met 1
<b>Form</b>	Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% gly, pH 8.0. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Purity</b>	>95 % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70oC.
<b>Storage</b>	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°C 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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