

Recombinant SARS NP Protein, His-tagged

Cat. No. NP-663V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human SARS coronavirus (isolate:Tor2) nucleoprotein (NP_828858.1) (Met1-Ala422) was expressed with a C-terminal polyhistidine tag.
Species	SARS
Source	Insect Cells
ProteinLength	1-422 a.a.
Predicted N Terminal	Met
Form	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant human SARS coronavirus nucleoprotein comprises 433 amino acids and has a predicted molecular mass of 47.5 kDa. The apparent molecular mass of the protein is approximately 47.1 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>80 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be

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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 of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name N nucleocapsid protein [SARS coronavirus]

Official Symbol N

Synonyms N; nucleocapsid protein

Gene ID 1489678

mRNA Refseq

Protein Refseq NP_828858

MIM

UniProt ID P59595

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