

# Recombinant SARS NP Protein, His-tagged

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

## SPECIFICATION

|                             |                                                                                                                                                                                                                                            |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant human SARS coronavirus (isolate:Tor2) nucleoprotein (NP_828858.1) (Met1-Ala422) was expressed with a C-terminal polyhistidine tag.                                                                                             |
| <b>Species</b>              | SARS                                                                                                                                                                                                                                       |
| <b>Source</b>               | Insect Cells                                                                                                                                                                                                                               |
| <b>ProteinLength</b>        | 1-422 a.a.                                                                                                                                                                                                                                 |
| <b>Predicted N Terminal</b> | Met                                                                                                                                                                                                                                        |
| <b>Form</b>                 | Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 7.4, 5%~8% trehalose and mannitol.                                                                                                                                     |
| <b>Molecular Mass</b>       | 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. |
| <b>Endotoxin</b>            | < 1.0 EU per µg of the protein as determined by the LAL method.                                                                                                                                                                            |
| <b>Purity</b>               | >80 % as determined by SDS-PAGE.                                                                                                                                                                                                           |
| <b>Stability</b>            | Samples are stable for up to twelve months from date of receipt at -70°C.                                                                                                                                                                  |
| <b>Storage</b>              | 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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