

## 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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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