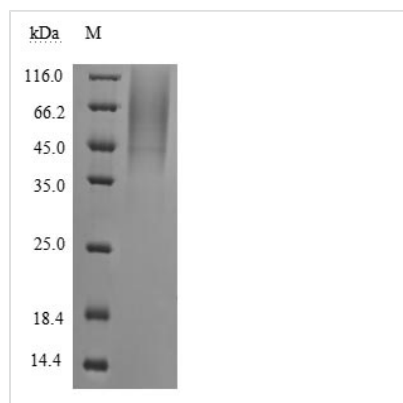




# Recombinant Severe acute respiratory syndrome coronavirus 2 Nucleoprotein (N)

<b>Product Code</b>	CSB-YP3325GMYa4
<b>Abbreviation</b>	Recombinant SARS-CoV-2 N protein
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P0DTC9
<b>Form</b>	Lyophilized powder
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Severe acute respiratory syndrome coronavirus 2 (2019-nCoV) (SARS-CoV-2)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	MSDNGPQNQRNAPRITFGGPSDSTGSNQNGERSGARSKQRRPQGLPNNTA SWFTALTQHGKEDLKFRGQGVPIINTNSSPDDQIGYYRRATRRIRGGDGKMK DLSPRWYFYLLGTGPEAGLPYGANKDGIWVATEGALNTPKDHIGTRNPANNA AIVLQLPQGTTLPKGFYAEGSRGGSQASSRSSSRNSSRNSTPGSSRGTS ARMAGNGGDAALALLLDRLNQLESKMSGKGQQQQGQTVTKKSAAEASKKP RQKRTATKAYNVTQAFGRRGPEQTQGNFGDQELIRQGTDYKHWPQIAQFAP SASAFFGMSRIGMEVTPSGTWLTYTAAIKLDDKDPNFKDQVILLNKHIDAYKTF PPTPEKKDKKKKADETQALPQRQKKQQTVTLLPAADLDDFSKQLQQSMSSAD STQA
<b>Research Area</b>	Microbiology
<b>Source</b>	Yeast
<b>Target Names</b>	N
<b>Protein Names</b>	Nucleocapsid protein, NC, protein N
<b>Expression Region</b>	1-419aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-sumostar-tagged
<b>Mol. Weight</b>	58.7 kDa
<b>Protein Length</b>	Full length protein
<b>Image</b>	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

## Description

Recombinant human novel coronavirus (SARS-CoV-2) nucleoprotein (N) with an N-terminal 6xHis-sumostar-tag is a full-length protein expressed in E.coli. The sequence used to prepare this recombinant protein corresponds to residues Met1-Ala419 of human SARS-CoV-2-N. Its purity is greater than 90% determined by SDS-PAGE. It is in-stock now. This recombinant human SARS-CoV-2-N protein may be used to generate specific antibodies or in the studies of microbiology.

## Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

## Shelf Life

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