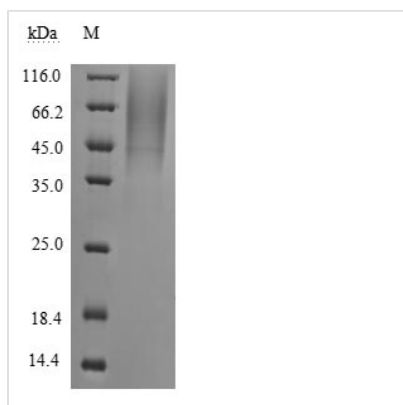




Recombinant Severe acute respiratory syndrome coronavirus 2 Nucleoprotein (N)

Product Code	CSB-YP3325GMYa4
Storage	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.
Uniprot No.	P0DTC9
Form	Lyophilized powder
Product Type	Recombinant Proteins
Immunogen Species	Severe acute respiratory syndrome coronavirus 2 (2019-nCoV) (SARS-CoV-2)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MSDNGPQNQRNAPRITFGGSPDSTGSNQNGERSGARSKQRRPQGLPNNTA SWFTALTQHGKEDLKFPRGQGVPIINTNSSPDDQIGYYRRATRRIRGGDGKMK DLSPRWYFYLLGTGPEAGLPYGANKDGIWVATEGALNTPKDHIGTRNPANNA AIVLQLPQGTTLPKGFYAEGSRGGSQASSRSSSRNSTRNSTPGSSRGTS ARMAGNGGDAALALLLDRLNQLESKMSGKGQQQGGQTVTKKSAAEASKKP RQKRTATKAYNVTQAFGRRGPEQTQGNFGDQELIRQGTDYKHWPQIAQFAP SASAFFGMSRIGMEVTPSGTWLTYTAAIKLDDKDPNFKDQVILLNKHIDAYKTF PPTPEKKDKKKKADETQALPQRQKKQQTVTLLPAADLDDFSKQLQQSMSSAD STQA
Lead Time	3-7 business days
Research Area	Microbiology
Source	Yeast
Gene Names	N
Protein Names	Nucleocapsid protein, NC, protein N
Expression Region	1-419aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-sumostar-tagged
Mol. Weight	58.7 kDa
Protein Description	Full length protein
Image	



(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.