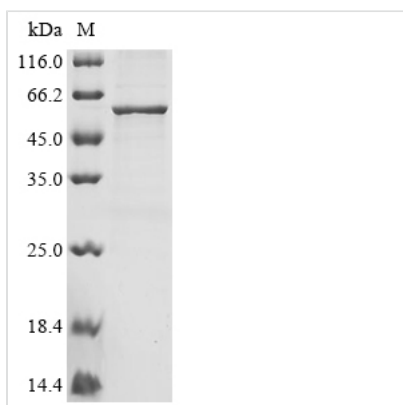




Recombinant Severe acute respiratory syndrome coronavirus 2 Nucleoprotein (N) (P13L, 31-33:ERS→Missing, R203K, G204R)

| | |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Code | CSB-EP3325GMY(M18) |
| Abbreviation | Recombinant SARS-CoV-2 N protein (P13L,Δ31-33,R203K,G204R) |
| 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 | Liquid or Lyophilized powder |
| Storage Buffer | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose. |
| Product Type | Recombinant Protein |
| Immunogen Species | Severe acute respiratory syndrome coronavirus 2 (2019-nCoV) (SARS-CoV-2) |
| Purity | ≥ 85% as determined by SDS-PAGE. |
| Sequence | MSDNGPQNQRNALRITFGGSDSTGNSQNGGARSKQRRPQGLPNNTASWF TALTQHGKEDLKFPRGQGVPIINTNSSPDDQIGYYRRATRRIRGGDGKMKDLS PRWYFYLLGTGPEAGLPYGANKDGIIVVATEGALNTPKDHIGTRNPANNAIIV LQLPQGTTLPKGFYAEGSRGGSQASSRSSSRNSSRNSTPGSSKRTSPAR MAGNGGDAALALLLDRLNQLESKMSGKGGQQGQQTVTKKSAEASKKPRQ KRTATKAYNVTQAFGRRGPEQTQGNFGDQELIRQGTDYKHWPQIAQFAPSAS AFFGMSRIGMEVTPSGTWLTYTGAIKLDDKDPNFKDQVILLNKHIDAYKTFPPT EPKDKKKKADETQALPQRQKKQQTVTLLPAADLDDFSKQLQQSMSSADSTQ A |
| Research Area | Microbiology |
| Source | E.coli |
| Target Names | N |
| Expression Region | 1-419aa(P13L,Δ31-33,R203K,G204R) |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | N-terminal 10xHis-tagged and C-terminal Myc-tagged |
| Mol. Weight | 52.8 kDa |
| Protein Length | Full Length |
| Image | |



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

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

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.