

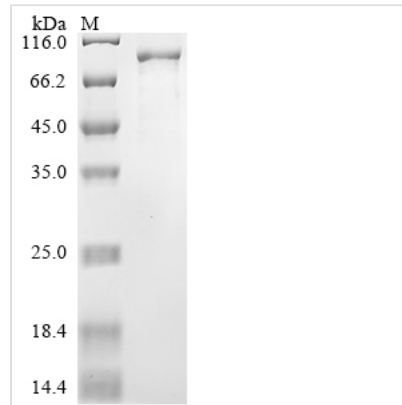


Recombinant Severe acute respiratory syndrome coronavirus 2 Replicase polyprotein 1ab (rep)

Product Code	CSB-YP3420GND
Abbreviation	Recombinant SARS-CoV-2 Replicase polyprotein 1ab protein, partial
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.	P0DTD1
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 Severe acute respiratory syndrome coronavirus 2 Replicase polyprotein 1ab(rep)
Immunogen Species	Severe acute respiratory syndrome coronavirus 2 (2019-nCoV) (SARS-CoV-2)
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	AVGACVLCNSQTSRLRCGACIRRPFLCCKCCYDHVISTSHKLVLSVNPYVCNAP GCDVTDVTQLYLGGMSYYCKSHKPPISFPLCANGQVFGLYKNTCVGSDNVTD FNAIATCDWTNAGDYILANTCTERLKLFAAETLKATEETFKLSYGIATVREVLSD RELHLSWEVGKPRPPLNRNYVFTGYRVTKNSKVQIGEYTFEKGDYGDVAVYR GTTTYKLVNVDYFVLTSHTVMPLSAPTLVPQEHYVRITGLYPTLNISDEFSSNV ANYQKVGMMQKYSTLQGPPGTGKSHFAIGLALYPSARIVYTACSHAAVDALCE KALKYLPIDKCSRIIPARARVECFDKFKVNSTLEQYVFCTVNALPETTADIVVFD EISMATNYDLSVVNARLRKHYVYIGDPAQLPAPRTLLTKGTLEPEYFNSVCRL MKTIGPDMFLGTCRRCPAEIVDTVSALVYDNKLKAHKDKSAQCCKMFYKGVIT HDVSSAINRPQIGVVREFLTRNPAWRKAVFISPYNSQNAVASKILGLPTQTVDS SQGSEYDYVIFTQTTETAHSCNVNRFNVAITRAKVGILCIMSDDRDLYDKLQFTS LEIPRRNVATLQ
Research Area	Microbiology
Source	Yeast
Target Names	rep
Expression Region	1-601aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	92.3 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.

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