



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

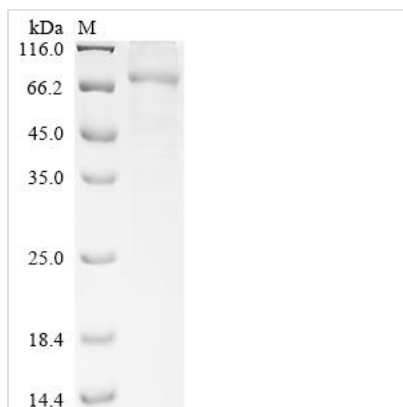
Product Code	CSB-BP3420GND
Abbreviation	Recombinant SARS-CoV-2 Replicase polyprotein 1ab protein, partial
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months 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), partial
Immunogen Species	Severe acute respiratory syndrome coronavirus 2 (2019-nCoV) (SARS-CoV-2)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	AVGACVLCNSQTSRLRCGACIRRPFLCCKCCYDHVISTSHKLVLVSNPYVCNAP GCDVTDVTQLYLGGMSYYCKSHKPPISFPLCANGQVFGLYKNTCVGSDNVTD FNAIATCDWTNAGDYILANTCTERLKLFAAETLKATEETFKLSYGIATVREVLSD RELHLSWEVGKPRPPLNRNYVFTGYRVTKNSKVQIGEYTFEKGDYGDVAVYR GTTTYKLVNGDYFVLTSHTVMPLSAPTLVPEHYVRITGLYPTLNISDEFSSNV ANYQKVGMMQKYSTLQGPPGTGKSHFAIGLALYYPSARIVYTACSHAAVDALCE KALKYLPIDKCSRIIPARARVECFDKFKVNSTLEQYVFCTVNALPETTADIVVFD EISMATNYDLSVVNARLRAKHVYVIGDPAQLPAPRTLLTKGTLEPEYFNVSVCRL MKTIGPDMFLGTCRRCPAEIVDTVSALVYDNKCLKAHKDKSAQCCKMFYKGVIT HDVSSAINRPQIGVVREFLTRNPAWRKAVFISPYNSQNAVASKILGLPTQTVDS SQGSEYDYVIFTQTTETAHSCNVNRFNVAITRAKVGILCIMSRRDLYDKLQFTS LEIPRRNVATLQ
Research Area	Microbiology
Source	Baculovirus
Target Names	rep
Expression Region	5325-5925aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal 6xHis-tagged



Mol. Weight 70.0 kDa

Protein Length Partial

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.