

Recombinant COVID-19 rep protein, GST-tagged

Cat. No. rep-454V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant COVID-19 rep protein(P0DTD1)(1-601aa), fused with N-terminal GST tag, was expressed in Yeast.
Species	Sars-CoV-2
Source	Yeast
ProteinLength	1-601aa
Tag	N-GST
Form	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, pH 8.0.
Molecular Mass	92.3 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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

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concentration) and aliquot for long-term storage at -20°C/-80°C.

AA Sequence

AVGACVLCNSQTSRLRCGACIRRPFLCCKCCYDHVISTSHKLVLVSNPYVCNAPGCD
VTDVTQLYLGGMSYYCKSHKPPISFPLCANGQVFGLYKNTCVGSDNVTDNFNAIATCD
WTNAGDYILANTCTERLKLFAAETLKATEETFKLSYGIATVREVLSDRELHLSWEVGK
PRPPLNRNYVFTGYRVTKNSKVQIGEYTFEKGDYGDAVVYRGTTTYKLVNGDYFVL
TSHTVMPLSAPTLVPQEHYVRITGLYPTLNISDEFSSNVANYQKVGMQKYSTLQGP
GTGKSHFAIGLALYPSARIVYTACSHAAVDALCEKALKYLPIDKCSRIIPARARVECF
DKFKVNSTLEQYVFCTVNALPETTADIVVFDEISMATNYDLSVNVNARLRAKHVYIGD
PAQLPAPRTLLTKGTLEPEYFNSVCRLMKTIGPDMFLGTCRRCPAEIVDTVSAVLYD
NKLKAHKDKSAQCFKMFYKGVITHDVSSAINRPQIGVVREFLTRNPAWRKAVFISPY
NSQNAVASKILGLPTQTVDSSQGSEYDYVIFTQTTETAHSCNVNRFNVAITRAKVGIL
CIMSDRDLYDKLQFTSLEIPRRNVATLQ

SDS-PAGE

