

# Recombinant SARS-CoV-2 papain-like protease Protein

Catalog No.: RP01274LQ **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
SARS-CoV-2	43740578	

### Tags

N-His

### Synonyms

PLPro;PL-PRO;pp1a;Papain-like  
Protease;Replicase polyprotein 1a;ORF1a  
polyprotein;Plpro;COVID-19

## Product Information

Source	Purification
<i>E. coli</i>	> 90% by SDS- PAGE.

Calculated MW	Observed MW
37.47 kDa	38 kDa

### Endotoxin

< 1.0 EU/μg of the protein by LAL  
method.

### Formulation

Supplied as a 0.22 μm filtered solution in  
20mM Tris,20% Glycerol,10mM β-  
Me pH7.5.Contact us for customized  
product form or formulation.

### Reconstitution

## Contact

 | 400-999-6126

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## Background

### Basic Information

#### Description

Recombinant SARS-CoV-2(2019-nCoV) papain-like protease is produced by *E. coli* expression system. The target protein is expressed with sequence (Glu1564-Lys1878) of SARS-COV-2(2019-nCoV) papain-like protease (Accession #YP\_009725299.1) fused with an initial Met,a 6×His tag at the N-terminus.

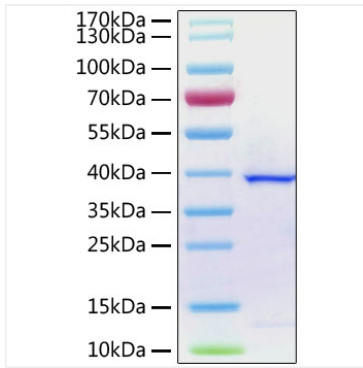
#### Bio-Activity

#### Storage

Store at -70°C. This product is stable at ≤ -70°C for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles. Avoid repeated freeze/thaw cycles.

## Validation Data

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Recombinant SARS-CoV-2 papain-like protease Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 38 kDa.