

# Recombinant SARS-CoV-2 papain-like protease Protein www.abclonal.com

Catalog No.: RP01274LQ Recombinant

## **Sequence Information**

Species Gene ID Swiss Prot SARS-CoV-2 43740578

3/11/3 COV 2 43/403/

Tags N-His

Synonyms

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

## **Product Information**

**Source** Purification *E. coli* ≥ 90 % as

determined by SDS-PAGE.

PAG

Calculated MW Observed MW

37.47 kDa 38 kDa

#### **Endotoxin**

< 1 EU/µg of the protein by LAL method.

#### **Formulation**

Supplied as a 0.22  $\mu m$  filtered solution in 20mM Tris,20% Glycerol,10mM  $\beta$ -Me $\square$ pH7.5.Contact us for customized product form or formulation.

#### Reconstitution

## **Contact**

<u>a</u>	400-999-6126
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•	www.abclonal.com.cn

## **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**

## Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

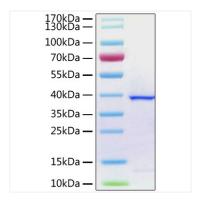
#### Storage

Store at -70°C. This product is stable at  $\leq$  -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.

### **Operational Notes**

For your safety and health, please wear a lab coat and disposable gloves for handling.

## **Validation Data**



Recombinant SARS-CoV-2 papain-like protease Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.