

# Recombinant SARS-CoV-2(Covid-19) PL-Pro

CatalogNo: YD2186

## Key Features

### Reactivity

- Human virus

### Applications

- ELISA,ECL,Immunogold

### MW

- 38.59kD (Calculated)  
34kD (Observed)

## Storage

### Storage\*

Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 °C for one week . Store at -20 to -80 °C for twelve months from the date of receipt.

## Recommended Dilution Ratios

Testing in progress

## Basic Information

Source	E.coli
Purification	E.coli
Purity	>90% as determined by SDS-PAGE

## Immunogen Information

## Target Information

Gene name ORF1ab

<b>Protein Name</b>	nsp3,PL-PRO,Papain-like proteinase,Peptidase C16 domain		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">QHD43415.1</a> ;	
<b>Function</b>	The coronaviral proteases, papain-like protease (PLpro) and 3C-like protease (3CLpro), are attractive antiviral drug targets because they are essential for coronaviral replication. PLpro has the additional function of stripping ubiquitin and ISG15 from host-cell proteins to aid coronaviruses in their evasion of the host innate immune responses. Targeting PLpro with antiviral drugs may have an advantage in not only inhibiting viral replication but also inhibiting the dysregulation of signaling cascades in infected cells that may lead to cell death in surrounding, uninfected cells.		

## | Validation Data

## | Contact information

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Please scan the QR code to access additional product information:  
**Recombinant SARS-CoV-2(Covid-19) PL-Pro**

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