

# Recombinant SARS-CoV-2 (Covid-19) 3C-like Proteinase

CatalogNo: YD2196

## Key Features

### Reactivity

- Human virus

### MW

- 59kD (Calculated)
- 59kD (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

## Basic Information

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

## Immunogen Information

## Target Information

**Gene name** ORF1ab

**Protein Name** M Proteinase,main proteinase(Mpro),3C-like proteinase

**Organism**

**Gene ID**

**UniProt ID**

Human

[YP\\_009725301.1;](#)

**Function**

The viral main proteinase (M pro , also called 3CL pro ), which controls the activities of the coronavirus replication complex. It functions as a cysteine protease engaging in the proteolytic cleavage of the viral precursor polyprotein to a series of functional proteins required for coronavirus replication and is considered as an appealing target for designing anti-SARS agents.

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## | Validation Data

## | Contact information

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Please scan the QR code to access additional product information:  
**Recombinant SARS-CoV-2 (Covid-19) 3C-like Proteinase**

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