

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

CatalogNo: YD2185

Key Features

Reactivity

- Human virus

MW

- 34.95kD (Calculated)

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

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

Immunogen Information

Target Information

Gene name	ORF1ab
Protein Name	3C-like proteinase,3CL-PRO,3CLp,nsp5

Organism

Human

Gene ID

[YP_009725301.1;](#)

UniProt ID

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.

| Validation Data**| Contact information**

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