

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

<b>Catalog No :</b>	YD2196
<b>Reactivity :</b>	Human virus
<b>Applications :</b>	ELISA ECL Immunogold
<b>Purity :</b>	>90% as determined by SDS-PAGE
<b>Fields :</b>	For research use only .Not for use in clinical diagnostic procedures.
<b>Gene Name :</b>	ORF1ab
<b>Protein Name :</b>	M Proteinase,main proteinase(Mpro),3C-like proteinase
<b>Human Gene Id :</b>	YP_009725301.1
<b>Source :</b>	E.coli
<b>Dilution :</b>	Testing in progress
<b>Concentration :</b>	>90% as determined by SDS-PAGE
<b>Storage Stability :</b>	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.
<b>Molecularweight :</b>	59.87kDa
<b>Observed Band :</b>	59kDa
<b>Background :</b>	Recombinant SARS-CoV-2 3C-like Proteinase is produced by E.coli expression system and the target gene encoding Ser1-Thr304 is expressed with N-Gst Tag
<b>Function :</b>	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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