

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

Catalog No :	YD2196
Reactivity :	Human virus
Applications :	ELISA ECL Immunogold
Purity :	>90% as determined by SDS-PAGE
Fields :	For research use only .Not for use in clinical diagnostic procedures.
Gene Name :	ORF1ab
Protein Name :	M Proteinase,main proteinase(Mpro),3C-like proteinase
Human Gene Id :	YP_009725301.1
Source :	E.coli
Dilution :	Testing in progress
Concentration :	>90% as determined by SDS-PAGE
Storage Stability :	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.
Molecularweight :	59.87kDa
Observed Band :	59kDa
Background :	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
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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