

Recombinant SARS-CoV-2 [?] Covid-19 [?] 3C-like Proteinase

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| Catalog No : | YD2185 |
| 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 : | 3C-like proteinase,3CL-PRO,3CLp,nsp5 |
| 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 : | 34.95kDa |
| Background : | Recombinant SARS-CoV-2 3C-like Proteinase is produced by E.coli expression system and the target gene encoding Ser1-Gln306 is expressed with N-His 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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