

# Recombinant SARS-CoV-2 NSP5/3CL-PRO/M Pro Protein, N-His

## Summary

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| <b>Catalog No.</b>                | YVV01301                                                                                                                                                                       |
| <b>Alternative Names</b>          | 3C-like proteinase, 3CL-PRO, 3CLp, Main protease, Mpro, Non-structural protein 5, nsp5, SARS coronavirus main proteinase, Replicase polyprotein 1ab, pp1ab, ORF1ab polyprotein |
| <b>Form</b>                       | Lyophilized                                                                                                                                                                    |
| <b>Storage buffer</b>             | Lyophilized from a solution in PBS pH 7.4, 0.02% NLS, 1mM EDTA, 4% Trehalose, 1% Mannitol.                                                                                     |
| <b>Purity</b>                     | >90% as determined by SDS-PAGE.                                                                                                                                                |
| <b>Applications</b>               | ELISA, Immunogen, SDS-PAGE, WB, Bioactivity testing in progress                                                                                                                |
| <b>Endotoxin level</b>            | Please contact with the lab for this information.                                                                                                                              |
| <b>Expression system</b>          | E. coli                                                                                                                                                                        |
| <b>Accession</b>                  | P0DTD1                                                                                                                                                                         |
| <b>Protein length</b>             | Ser3264-Gln3569                                                                                                                                                                |
| <b>Nature</b>                     | Recombinant                                                                                                                                                                    |
| <b>Predicted molecular weight</b> | 34.95 kDa                                                                                                                                                                      |
| <b>Stability and Storage</b>      | Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for frequent use. Store at -20 to -80°C for twelve months from the date of receipt.      |
| <b>Reconstitution</b>             | Reconstitute in sterile water for a stock solution. A copy of datasheet will be provided with the products, please refer to it for details.                                    |

## Recombinant Proteins &amp; Antibodies

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|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species</b>  | Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2)                                                                                             |
| <b>Shipping</b> | In general, proteins are provided as lyophilized powder/frozen liquid.<br>They are shipped out with dry ice/blue ice unless customers require otherwise. |
| <b>Note</b>     | For research use only.                                                                                                                                   |

## Data Image

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SDS-PAGE

SDS PAGE for recombinant SARS-CoV-2 NSP5/3CL-  
PRO/M Pro protein