

SARS-CoV-2 3CLpro/3C-like protease Protein

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| Cat. No.: | HY-P78275 |
| Synonyms: | 3C-like protease; 3CL Protease; 3CL-Mpro; 3CL Pro; COVID-19; M Proteinase; Mpro |
| Species: | Virus |
| Source: | E. coli |
| Accession: | YP_009725301 (S1-Q306) |
| Gene ID: | 43740578 |
| Molecular Weight: | Approximately 33.8 kDa |

PROPERTIES

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| Biological Activity | Measured by its ability to cleave a fluorogenic peptide substrate Dabcyl-KTSAVLQSGFRKME-Edans and the specific activity is ≥ 1068.3 nmol/min/mg. |
| Appearance | Solution |
| Formulation | Supplied as a 0.22 μ m filtered solution of 25 mM HEPES, 2.5 mM DTT, 10% glycerol, pH 7.5. |
| Endotoxin Level | <1 EU/ μ g, determined by LAL method. |
| Reconstitution | N/A. |
| Storage & Stability | Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles. |
| Shipping | Shipping with dry ice |

Caution: Product has not been fully validated for medical applications. For research use only.

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