

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

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_009725301.1 (S1-Q306)
Gene ID:	43740578
Molecular Weight:	Approximately 33.8 kDa

PROPERTIES

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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