



Certificate of Analysis

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

Cat. No.:	HY-P78275
Batch No.:	312571
Species:	Virus
Source:	<i>E. coli</i>
Tag:	Tag Free
Accession:	YP_009725301 (S1-Q306)
Gene ID:	43740578
Molecular Weight:	Approximately 33.8 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by Tris-Bis PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
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.	1068.3 nmol/min/mg
Appearance	Solution	
Concentration	0.51 mg/mL	
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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