



# Certificate of Analysis

## SARS-CoV-2 3CLpro/3C-like protease Protein (sf9, His)

Cat. No.:	HY-P76589
Batch No.:	421048
Species:	Virus
Source:	<i>Sf9 insect cells</i>
Tag:	N-His
Accession:	YP_009725295 (S3264-Q3569)
Gene ID:	43740578
Molecular Weight:	Approximately 37 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	95.90%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to cleave a peptide substrate, Dabcyl-KTSAVLQSGFRKME-Edans. The specific activity is >5 pmol/min/μg.	5.3 pmol/min/μg
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> O.	
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.	
Shipping	Room temperature in continental US; may vary elsewhere.	

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

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