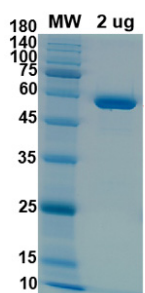


Product Details

Summary

Product name	Recombinant 2019-nCoV 3C-like Proteinase
Catalog#	ATEP02458COV
description	Recombinant SARS-CoV-2 3C-like Proteinase is produced by E.coli expression system and the target gene encoding Ser1-Thr304 is expressed with N-Gst Tag
Expression system	E.coli
Species	Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2)
Accession #	YP_009725301.1
Alternative names	M Proteinase, main proteinase (Mpro), 3C-like proteinase
Predicted Molecular Mass	59.87kDa
Actual Molecular Mass	59kDa
Purity	>90% as determined by SDS-PAGE
Endotoxin level	Please contact with the lab for this information.
Formulation	Lyophilized. Lyophilized from PBS pH7.4, 1mM EDTA, 4% trehalose, 1% mannitol.
Shipping	In general, proteins are shipped out with blue ice unless customers require otherwise.
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 °C for one week . Store at -20 to -80 °C for twelve months from the date of receipt.
Reconstitution	Reconstitute in sterile water for a stock solution.
Application	Immunogen

SDS-PAGE image



SDS-PAGE Image

Background

The viral main proteinase (M pro , also called 3CL pro), which controls the activities of the coronavirus replication complex. It functions as a cysteine protease engaging in the proteolytic cleavage of the viral precursor polyprotein to a series of functional proteins required for coronavirus replication and is considered as an appealing target for designing anti-SARS agents.

Product performance

Form	Recombinant SARS-CoV-2 (2019-nCoV) 3C-like Proteinase
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Note

For research use only.

