

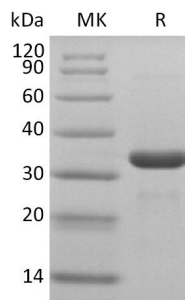
Product Name: Recombinant SARS-CoV-2 3C-like Proteinase (N-6His)
Catalog #: PEV2227



Summary

Name	3C-like Proteinase/3CLPro
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	Please contact with the lab for this information
Construction	Recombinant 2019-nCoV 3C-like Proteinase is produced by our E.coli expression system and the target gene encoding Ser3264-Gln3569 is expressed with a 6His tag at the N-terminus
Accession #	P0DTC1
Host	E.coli
Species	2019-nCoV
Predicted Molecular Mass	36.1 KDa
Formulation	Supplied as a 0.2 µm filtered solution of PBS, 1mM EDTA, 10% Glycerol, pH 7.4.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image



Background

Alternative Names M Proteinase; 3CL Proteinase

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



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of functional proteins required for coronavirus replication and is considered as an appealing target for designing anti-SARS agents.

Note

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