



Recombinant 2019-nCoV 3C-like Proteinase (N-6His)

Catalog #	EPT301
Expression Host	E.coli
DESCRIPTION	Recombinant 2019-nCoV 3C-like Proteinase is produced by our E.coli expression system and the target gene encoding Ser1-Gln306 is expressed with a 6His tag at the N-terminus.
Accession	YP_009725301.1
Synonyms	M Proteinase; 3CL Proteinase
Mol Mass	36.1 KDa
AP Mol Mass	33 KDa, reducing conditions
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Endotoxin	
FORMULATION	Supplied as a 0.2 μ m filtered solution of PBS, 1mM EDTA, 10% Glycerol, pH 7.4.
RECONSTITUTION	
SHIPPING	The product is shipped on dry ice/polar packs.





Upon receipt, store it immediately at the temperature listed below.

STORAGE

Store at $\leq -70^{\circ}\text{C}$, stable for 6 months after receipt.

Store at $\leq -70^{\circ}\text{C}$, stable for 3 months under sterile conditions after opening.

Please minimize freeze-thaw cycles.

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.

SDS-PAGE

