



*Premiere Peptide Solutions*

## **DATA SHEET**

<b>Product Name:</b>	(SARS-CoV-2) 3C-like Proteinase, Recombinant
<b>Catalog #:</b>	CV-3043
<b>Alt:</b>	M Proteinase, 3CL Proteinase, 3CL-Mpro, 3C-like main protease
<b>Molecular Weight:</b>	38 kDa (6xHis, Avi tag at the N-terminus)
<b>Source:</b>	E.coli
<b>Purity:</b>	>95%
<b>Sequence:</b>	aa 1-306 (Ser1 - Gln306)
<b>Supplied As:</b>	Liquid in 20mM HEPES, 120mM NaCl, 10% Glycerol, 2mM TCEP,pH7.4
<b>Storage:</b>	Aliquot and store at -80°C.Avoid repeated freeze-thaw cycles.
<b>Description:</b>	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.

**Not for human use, for research purposes only**

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