

Active Recombinant COVID-19 3CL-Mpro protein, His-tagged

Cat. No. 3CL-Mpro-134V Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant COVID-19 3CL-Mpro protein(Ser1-Gln306) was fused to His-tag at the N-terminus and expressed in E.coli.
Species	Sars-CoV-2
Source	E.coli
ProteinLength	Ser1-Gln306
Description	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.
Form	Supplied as a 0.2 µm filtered solution of PBS, 1mM EDTA, 10% Glycerol, pH 7.4.
Bio-activity	Specific activity ≥13000U/mg
Molecular Mass	35 kDa
Endotoxin	Less than 0.1 ng/g (1 EU/g) as determined by LAL test.
Purity	Greater than 95% as determined by reducing SDS-PAGE.

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage

Store at < -20 centigrade, stable for 6 months after receipt.
Please minimize freeze-thaw cycles.

Warning

FOR RESEARCH USE ONLY

GENE INFORMATION**Gene Name**

orf1ab

Official Symbol

orf1ab

Synonyms

GU280_gp01

Gene ID

43740578

Protein Refseq

YP_009725301.1

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