Recombinant COVID-19 3C-like Proteinase, GST-tagged

Cat. No. 3CLpro-84V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant COVID-19 3C-like Proteinase (Ser1-Thr304) was fused to GST-tag at the N-terminus and expressed in E.coli.
Species	Sars-CoV-2
Source	E.coli
ProteinLength	Ser1-Thr304
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 solution form in PBS, pH7.5/ Supplied as lyophilized from PBS, pH7.5
Molecular Mass	Predicted Molecular Mass: 59.87 kDa; Actual Molecular Mass: 59 kDa
Endotoxin	Less than 1 EU per ug by the LAL method.
Purity	>90% as determined by SDS-PAGE
Applications	Immunogen

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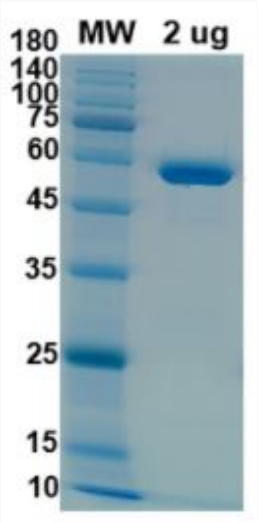
Notes	For research use only. Not for use in clinical diagnostic procedures.
Storage	Store at 2 to 8 °C for one week . Store at -20 to -80 °C for twelve months from the date of receipt.
Handling	Use a manual defrost freezer and avoid repeated freeze thaw cycles.
Shipping	In general, proteins are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	ORF1ab
Official Symbol	ORF1ab
Synonyms	ORF1a polyprotein;ORF1ab polyprotein
Gene ID	43740578
Protein Refseq	YP_009725301.1
UniProt ID	P0DTD1

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SDS-PAGE of 3CLpro-84V



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