



Datasheet for ABIN7535168

SARS-CoV-2 NSP5 (3CL-Pro) Protein (AA 1-306) (His-Avi Tag)



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1 Image

Overview

Quantity:	200 µg
Target:	SARS-CoV-2 NSP5 (3CL-Pro) (3CL-PRO, M-Pro)
Protein Characteristics:	AA 1-306
Origin:	SARS Coronavirus-2 (SARS-CoV-2)
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This SARS-CoV-2 NSP5 (3CL-Pro) protein is labelled with His-Avi Tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	Recombinant 2019-nCoV 3C-like Proteinase is produced by E. coli expression system. The target protein is expressed with sequence (Ser1-Gln306) of 2019-ncov 3C-like Proteinase (Accession #YP_009725301.1) fused with a 6xHis,Avi tag at the N-terminus.
Purity:	> 95 % by SDS-PAGE
Endotoxin Level:	< 1.0 EU/µg of the protein by LAL method.

Target Details

Target:	SARS-CoV-2 NSP5 (3CL-Pro) (3CL-PRO, M-Pro)
Alternative Name:	SARS-CoV-2 3C-Like Proteinase (NSP5) (3CL-PRO, M-Pro Products)
Target Type:	Viral Protein

Target Details

Background:	Synonym: M Proteinase, 3CL Proteinase, 3CL-Mpro, 3C-like main protease, COVID-19
Gene ID:	43740578

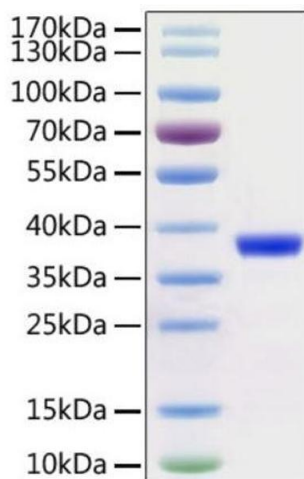
Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	Supplied as a 0.22 μ m filtered solution in 20 mM HEPES, 120 mM NaCl, 10 % Glycerol, 2 mM TCEP, pH 7.4
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	This product is stable at $\leq -70^{\circ}\text{C}$ for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature.

Images



SDS-PAGE

Image 1. Recombinant 2019-nCoV 3C-like Proteinase with His and Avi tag was determined by SDS-PAGE with Coomassie Blue, showing a band at 38 kDa.