

COVID 19 3C-like Proteinase Coronavirus Recombinant Protein | COVID-19 recombinant protein

Recombinant SARS-CoV-2 (2019-nCoV) 3C-like Proteinase

CATALOG # AAA11056	HOST E Coli	APPLICATIONS Immunogen
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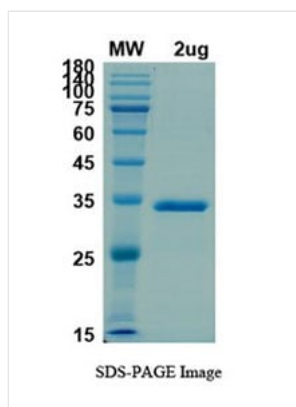
PRODUCT SYNONYMS

COVID 19 3C-like Proteinase Coronavirus; Recombinant SARS-CoV-2 (2019-nCoV) 3C-like Proteinase; 2019 Novel Coronavirus; Coronavirus; CoV; COVID-19 virus; HCoV-2; Human Coronavirus 2019; SARS2; SARS-CoV-2; Severe acute respiratory syndrome coronavirus 2; 3C-like Proteinase; 3CL-PRO; 3CLp; nsp5; COVID-19 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>90% as determined by SDS-PAGE quantitative densitometry by Coomassie Blue Staining.
Form/Format	Supplied as lyophilized from PBS, pH7.4, 1mM EDTA, 4% Trehalose, 1% mannitol.
Sequence Positions	306
Sequence Length	306
Applicable Applications for COVID-19 recombinant protein	Immunogen
Species	Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2)
Reconstitution	Reconstitute in ddH ₂ O to a concentration of 0.1-1.0mg/mL. Do not vortex.
Preparation and Storage	Ships on blue ice. Store at 2 to 8 degree C for one week. Store at -20 to -80 degree C for twelve months from the date of receipt. Use a manual defrost freezer and avoid repeated freeze thaw cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for COVID-19 recombinant protein	Recombinant SARS-CoV-2 3C-like Proteinase is produced by E.coli expression system and the target gene encoding Ser1-Gln306 is expressed with N-His Tag 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1802476809
NCBI Accession #	YP_009725301.1
NCBI GenBank Nucleotide #	YP_009725301.1
Molecular Weight	Predicted Molecular Mass: 35.01 kDa
NCBI Official Full Name	3C-like proteinase

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/covid-19-3c-like-proteinase-coronavirus-recombinant-protein-e-coli-immunogen/11056>