

COVID 19 Papain-Like Protease Coronavirus Active Protein | COVID-19 active protein

Recombinant 2019-nCoV Papain-Like Protease (E.coli)

CATALOG # AAA268910	HOST E coli
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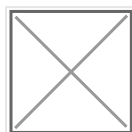
PRODUCT SYNONYMS

COVID 19 Papain-Like Protease Coronavirus; Recombinant 2019-nCoV Papain-Like Protease (E.coli); 2019 Novel Coronavirus; Coronavirus; CoV; COVID-19 virus; HCoV-2; Human Coronavirus 2019; SARS2; SARS-CoV-2; Severe acute respiratory syndrome coronavirus 2; Papain-Like Protease; COVID-19 active protein

PRODUCT SPECIFICATIONS

Host	E coli
Purity/Purification	>90% as determined by reducing SDS-PAGE.
Form/Format	Supplied as a 0.2um filtered solution of 20mM Tris-HCl, 10 mM Mercaptoethanol [BME], 20% Glycerol, pH 7.5.
Sequence Length	7096
Biological Activity	Measured by its ability to cleave a fluorogenic peptide substrate, (E-EDANS)RELNGGAPI(K-DABCYL)S (Synthetic). The specific activity is >2000pmoi/min/mg. Disclaimer: The activity data is for reference only. Not guaranteed.
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store at < -20 degree C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for COVID-19 active protein	Description: Recombinant 2019-nCoV Papain-like Protease is produced by our E.coli expression system and the target gene encoding Glu1564-Lys1878 is expressed. Background: Replication of severe acute respiratory syndrome (SARS) coronavirus (SARS-CoV) requires proteolytic processing of the replicase polyprotein by two viral cysteine proteases, a chymotrypsin-like protease (3CLpro) and a papain-like protease (PLpro).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1791269089
Molecular Weight	Molecular Weight: 35.8kDa AP Molecular Weight: 34kDa, reducing conditions.
NCBI Official Full Name	orf1ab polyprotein

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.

