

2019-nCoV Papain-Like Protease



Catalog Number: 521005

General Information

Gene Name Synonym

2019-nCoV Papain-Like Protease

Protein Construction

Target gene encoding Glu1564-Lys1878 was expressed in E.coli

Organism

Severe acute respiratory syndrome coronavirus 2

Expression Host

E. coli

QC Testing

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.

Purity

>90%

Endotoxin

<5 EU/mg

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Molecular Mass

35.8kDa

Formulation

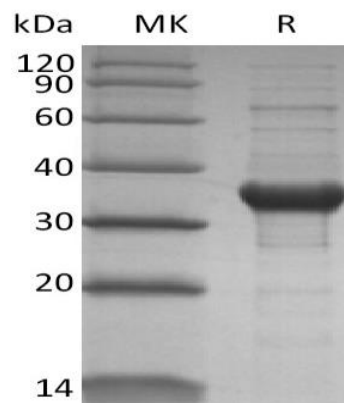
Supplied as a 0.2 µm filtered solution of 20mM Tris-HCl, 10 mM Mercaptoethanol [BME], 20% Glycerol, pH 7.5.

Usage Guide

Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

SDS-PAGE



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