

Recombinant SARS-CoV-2(Covid-19) PL-Pro

CatalogNo: YD2186

Key Features

Reactivity

Human virus

MW

38.59kD (Calculated)34kD (Observed)

Applications

• ELISA, ECL, Immunogold

Recommended Dilution Ratios

Testing in progress

Storage

Storage*

Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 $^{\circ}$ C for one week . Store at -20 to -80 $^{\circ}$ C for twelve months from the date of receipt.

Basic Information

Source E.coli

Purification E.coli

Purity >90% as determined by SDS-PAGE

Immunogen Information

| Target Information

Gene name ORF1ab

Protein Name nsp3,PL-PRO,Papain-like proteinase,Peptidase C16 domain

Organism Gene ID UniProt ID

Human QHD43415.1;

Function

The coronaviral proteases, papain-like protease (PLpro) and 3C-like protease (3CLpro), are attractive antiviral drug targets because they are essential for coronaviral replication. PLpro has the additional function of stripping ubiquitin and ISG15 from host-cell proteins to aid coronaviruses in their evasion of the host innate immune responses. Targeting PLpro with antiviral drugs may have an advantage in not only inhibiting viral replication but also inhibiting the dysregulation of signaling cascades in infected cells that may lead to cell death in surrounding, uninfected cells.

Validation Data

Contact information

Orders: order@immunoway.com
Support: tech@immunoway.com

Telephone: 877-594-3616 (Toll Free), 408-747-0185

Website: http://www.immunoway.com

Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code to access additional product information:

Recombinant SARS-CoV-2(Covid-19) PL-Pro

For Research Use Only. Not for Use in Diagnostic Procedures.

Antibody | ELISA Kits | Protein | Reagents