

# Recombinant SARS-CoV (strain WH20) Plpro protein(Glu1541-Tyr1859), His-tagged

**Cat. No.** Plpro-3262V    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant SARS-CoV (strain WH20) Plpro protein(AAX16193.1)(Glu1541-Tyr1859), fused with His tag, was expressed in E. coli.                                                                                                                                                                            |
| <b>Species</b>          | SARS-CoV (strain WH20)                                                                                                                                                                                                                                                                                  |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | Glu1541-Tyr1859                                                                                                                                                                                                                                                                                         |
| <b>Form</b>             | Lyophilized from sterile 50 mM Tris, 0.1 % Tween, pH 9.0. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA. |
| <b>Molecular Mass</b>   | The recombinant SARS-CoV (strain WH20) papain-like protease (PLpro) consists of 325 amino acids and predicts a molecular mass of 36.65 kDa.                                                                                                                                                             |
| <b>Purity</b>           | > 90 % as determined by SDS-PAGE.                                                                                                                                                                                                                                                                       |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C<br>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.                                                       |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of                                                                                                                                                                                                                |

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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