

## Active Recombinant 2019-nCoV Plpro protein

Cat. No. Plpro-199V Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant 2019-nCoV Plpro protein(QHD43415.1) is produced by E.coli expression system and the target gene encoding Glu1564-Lys1878 is expressed.
<b>Species</b>	Sars-Cov-2
<b>Source</b>	E.coli
<b>ProteinLength</b>	Glu1564-Lys1878
<b>Form</b>	Supplied as a 0.2 µm filtered solution of 20mM Tris-HCl, 10 mM 2-Mercaptoethanol, 20% Glycerol, pH 7.5.
<b>Bio-activity</b>	Measured by its ability to cleave a fluorogenic peptide substrate, (E-EDANS)RELNGGAPI(K-DABCYL)S (Synthetic). The specific activity is >2000pmol/min/mg.
<b>Purity</b>	Greater than 90% as determined by reducing SDS-PAGE.
<b>Storage</b>	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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**Bioactivity**

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