Active Recombinant 2019-nCoV Plpro protein

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

SPECIFICATION

Product Overview	Recombinant 2019-nCoV Plpro protein(QHD43415.1) is produced by E.coli expression system and the target gene encoding Glu1564-Lys1878 is expressed.
Species	Sars-Cov-2
Source	E.coli
ProteinLength	Glu1564-Lys1878
Form	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 10 mM 2-Mercaptoethanol, 20% Glycerol, pH 7.5.
Bio-activity	Measured by its ability to cleave a fluorogenic peptide substrate, (E-EDANS)RELNGGAPI(K-DABCYL)S (Synthetic). The specific activity is >2000pmol/min/mg.
Purity	Greater than 90% as determined by reducing SDS-PAGE.
Storage	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.
Reconstitution	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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