

# Recombinant SARS-CoV-2 RNA-dependent RNA polymerase/RDRP Protein

Catalog No.: RP03156 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
SARS-CoV-2	P0DTC1	P0DTC1

### Tags

C-His

### Synonyms

RNA-dependent RNA polymerase; RDRP

## Product Information

Source	Purification
Baculovirus-Insect Cells	> 85% by SDS-PAGE.

Calculated MW	Observed MW
108.3 kDa	91.3 kDa

### Endotoxin

< 1 EU/μg of the protein by LAL method.

### Formulation

Lyophilized from a 0.22 μm filtered solution of 20 mM Tris, 300 mM NaCl, pH 8.0, 10 % glycerol. Contact us for customized product form or formulation.

### Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

## Contact

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## Background

### Basic Information

#### Description

Recombinant SARS-CoV-2(2019-nCoV) RNA-dependent RNA polymerase/RDRP Protein is produced by Baculovirus-Insect Cells expression system. The target protein is expressed with sequence (Ser1-Gln932) of SARS-COV-2(2019-nCoV) RNA-dependent RNA polymerase/RDRP (Accession #YP\_009725307.1) fused with a 6×His tag at the C-terminus.

#### Bio-Activity

#### Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

## Validation Data

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Recombinant SARS-CoV-2 RNA-dependent RNA polymerase/RDRP Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 96-100 kDa.