

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

Catalog No.: RP03156

Sequence Information

Species **Gene ID**
SARS-CoV-2 P0DTC1

Swiss Prot **Tags**
P0DTC1 C-His

Synonyms

RNA-dependent RNA polymerase, RDRP

Product Information

Source **Purification**
Baculovirus-Insect Cells ≥ 85 % as determined 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.

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.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

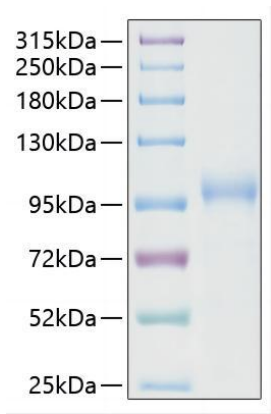
Contact

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Validation Data



Recombinant SARS-CoV-2 RNA-dependent RNA polymerase/RDRP Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.