

Certificate of Analysis

Name: SARS-CoV-2 RNA-Dependent RNA Polymerase (RdRp) , Active

Product Code: REC31874-10 /REC31874-20 / REC31874-50

Batch #:

Description: Recombinant full-length SARS-CoV-2 RNA-dependent RNA polymerase (RdRp) was expressed in E. coli cells using a C-terminal His-tag.

Expression System: E. coli

Accession: QHD43415

Tags: His-tag, C-terminus

Expected Molecular Weight: ~100 kDa

Observed Molecular Weight: ~100 kDa

Amount: 0.01 mg / 0.02 mg / 0.05 mg

Concentration: 0.05 mg/ml

Purity: >85%

Presentation: Liquid

Buffer: 50mM sodium phosphate, pH7.5, 300mM NaCl, 150mM imidazole, 1mM DTT, 10% glycerol

Usage Guidelines

Short Term Storage: -80°C

Long Term Storage: -80°C

General Storage Conditions: For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. Avoid multiple freeze/thaw cycles.

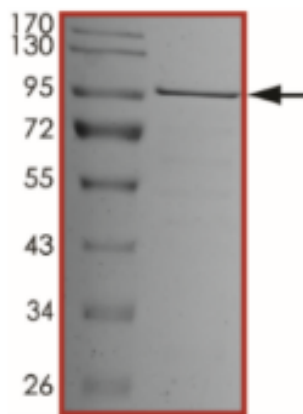
Products are for Research Use or for Further Manufacturing Use only. Not for Diagnostic or Therapeutic Use.

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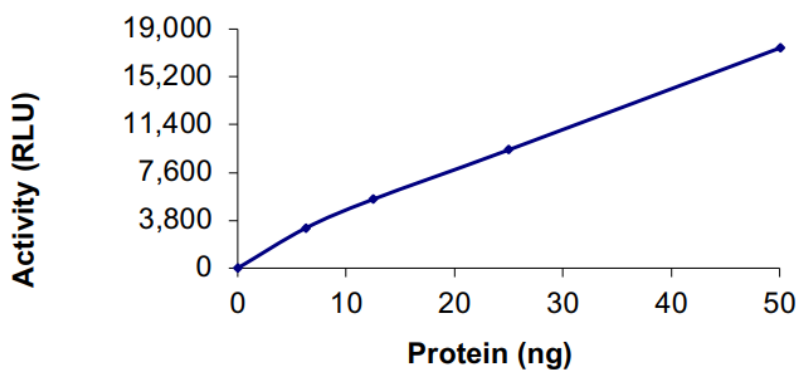
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Purity:



The purity of SARS-CoV-2 RdRp was determined to be >85% by densitometry, approx. MW ~100 kDa.

Activity Assay:



Determined by detection of pyrophosphate (PPi) generated during nascent strand synthesis by a chemiluminescent coupled assay method using ATP sulfurylase and luciferase.