

Recombinant 2019-nCoV RdRp Protein, His-tagged

Cat. No. RdRp-01C Lot. No. (See product label)

SPECIFICATION

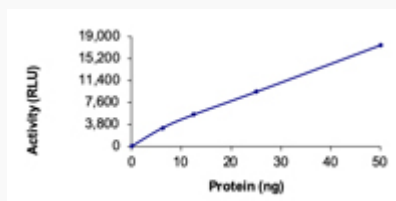
Product Overview	Recombinant 2019-nCoV RNA-dependent RNA polymerase (RdRp) was expressed in E. coli cells using a C-terminal His tag.
Species	Sars-Cov-2
Source	E.coli
Description	A novel coronavirus (SARS-CoV-2) has caused a global COVID-19 pandemic of respiratory disease in 2020. RNA-dependent RNA polymerase (RdRp) is an enzyme that is crucial to life cycle of RNA viruses including coronaviruses. RdRp catalyzes the synthesis of viral RNA, thereby playing a central role in the replication and transcription cycle of COVID-19 viruses, possibly in complex with nsp7 and nsp8. Therefore, RdRp is a prime target for nucleotide analog antiviral inhibitors, such as remdesivir, for development of new antiviral therapeutics.
Molecular Mass	~100 kDa
Storage	Store product at -70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

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Activity



Purity



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