

## Product Data Sheet

Biolinker / Av. Prof. Lineu Prestes, 2242 / São Paulo – SP / 05508-000 / Brazil  
info@biolinker.tech / www.biolinker.tech  
twitter: @biolinker\_tech



# SARS-CoV-2 positive control OrfN5

Product Reference: SARSCOV2-CPORFN5

RNA synthetic made by in vitro transcription. (NB1)

Revision date: 09..12.2021  
Version: 1.2

---

## Product Data Sheet

|                    |  |
|--------------------|--|
| Description        | SARS-CoV-2 positive control ORFN5  |
| Synonym(s)         | covid, covid-19, covid19, coronavirus, Severe acute respiratory Coronavirus positive RNA control, SARS Cov-2 gene, ORFN5, RNA positive control |
| HS Code:           | 29349934   |
| Pack Size          | 2.5ug  |
| MW                 | 1256pb   |
| Form               | Liquid   |
| Shipped in         | Wet ice  |
| Storage temp.      | -80°C.   |
| Expression System  | In vitro Transcription   |
| Purity             | 98%  |
| Impurities         | rNTPs, enzymes denatured, BSA, salts from buffer-HEPES ph. 7.5   |
| GenBank Accession: |  |

## Expanded Data Sheet

|           |   |
|-----------|---|
| Construct | SARS-CoV-2 positive control with T7 promoter insert to in vitro transcription |
|-----------|---|

## Product Data Sheet

Biolinker / Av. Prof. Lineu Prestes, 2242 / São Paulo – SP / 05508-000 / Brazil  
info@biolinker.tech / www.biolinker.tech  
twitter: @biolinker\_tech



## Expanded Data Sheet (continuation)

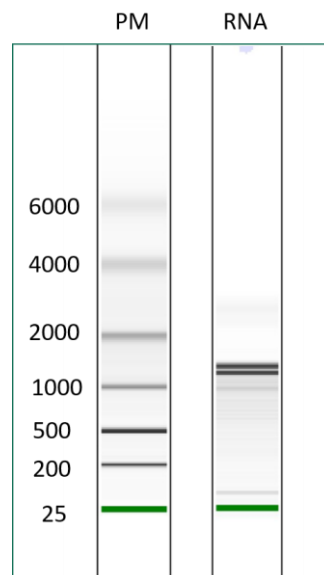
|               |   |
|---------------|---|
| Stability     | At least 6 months at -80°C.                       |
| Formulation   | Buffer-HEPES pH 7.5                               |
| Lot           | 21_03   |
| Concentration | 0.414 ng/ul (RNA kit Qubit detection broad range) |

## General description

The SARS-CoV-2 positive control ORFN5 is produced by in vitro transcription expression system, with T7 polymerase reaction. The Genbank Accession Number is . It contains 1256 pb and encompasses nucleotides from 16-1213.

The RNA construct also contains a T7 promoter insert to allow the expression. Please consider that the expected MW of the RNA positive control ORF N5 is ~1256 bp as showed in the RNA pico 6000.

## Quality Control Data



Electropherogram summary /RNA total pico 6000

## Reconstitution

*Not applicable.*

## Storage and Stability

This product is stable at -80°C. for up to 6 months from the date of receipt. For optimal storage, aliquot into smaller quantities after dilution and store at recommended temperature.

## Product Data Sheet

Biolinker / Av. Prof. Lineu Prestes, 2242 / São Paulo – SP / 05508-000 / Brazil  
info@biolinker.tech / www.biolinker.tech  
twitter: @biolinker\_tech



## Disclaimer

Unless otherwise stated in our catalog or other company documentation accompanying the product(s), our products are intended for research use only and are not to be used for any other purpose, which includes but is not limited to, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses or any type of consumption or application to humans or animals.

Data presented is the available current product information and provided as-is. These products have not been tested or verified in any additional applications, sample types, including any clinical use. Experimental conditions must be empirically derived by the user.