

## Product Datasheet

### SARS-CoV-2 (COVID-19) ORF7A Recombinant Protein (orb1231068)

## Description

SARS-CoV-2 (COVID-19) ORF7A Recombinant Protein

### Target

7a

### Preservatives

50 mM Tris-HCl pH 7.5, 270 mM Sucrose, 150 mM NaCl, 0.1 mM EGTA, 0.1 % 2-mercaptoethanol, 0.03 % Brij-35

### Form/Appearance

Liquid

### Concentration

batch dependent

### Storage

Store at -70 °C. Avoid repeated freeze-thaw cycles.

### Tag

N-Term MBP Uncleaved

### Note

For research use only

### Protein Sequence

Native

Sequence:MKIEEGKLVWINGDKGYNGLAIEVGKKFEKDTGIKVTVEHPDKLEEK  
FPQVAATGDGPDIIFWAHDHFRGGYASGLLAIEITPDKAFQDKLYPFTWDAVRYN  
GKLIAYPIAVEALSLIYNKDLLPNPPKTWEEIPALDKELKAKGKSALMFNLQEPYFT  
WPLIAADGGYAFKYENGKYDIKDVGVNDNAGAKAGLTFLVDLIKHKHMNADTDYS  
IAEAFNKGGETAMTINGPWAWSNIDTSKVNYGVTVLPTFKGQPSKPFVGVLSAGI  
NAASPNKELAKEFLENYLLTDEGLEAVNKDKPLGAVALKSYYEELVKDPRIAATM  
ENAQKGEIMPNIQMSAFWYAVRTAVINAASGRQTVDEALKDAQTNSSSSNNNN  
NNNNNNLGGDDDKVPEFLEVLFGQPLGSMKIILFLALITLATCELYHYQECVRGTT  
VLLKEPCSSGTYEGNSPFHPLADNKFALTCFSTQFAFACPDGVKHVYQLRARSVS  
PKLFIRQEEVQELYSPIFLIVAAIVFITLCFTLKRKTEAmino acids M1 – E121  
(end).Residue M404 of the fusion protein is equivalent to M1 of the  
native enzyme. The MBP tag is located at residues 1 – 367.Protease  
Cleavage:PreScission (LEVLFQGP) residues 393 – 400

### Purity

Amylose Resin (0.75)

### Source

bacteria

### MW

Mono-Isotopic Mass: 57, 946.52 daltons Average Mass: 57, 983.09 daltons

### Uniprot ID

[P0DTC7](#)

### NCBI

[QHD43421.1](#)

### Expiration Date

6 months from date of receipt.