

## Product Datasheet

### SARS-CoV-2 (COVID-19) ORF3A Recombinant Protein (orb1231111)

**Description**

SARS-CoV-2 (COVID-19) ORF3A Recombinant Protein

**Target**

3a

**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:MKIEEGKLVWINGDKGYNGLAEVGKKFEKDTGIKVTVEHPDKLEEK  
FPQVAATGDGPDIIFFWAHDFRGGYAQSGLLAEITPDKAFQDKLYPFTWDAVRYN  
GKLIAYPIAVEALSLIYNKDLLPNPPKTWEEIPALDKELKAKGKSALMFNLQEPYFT  
WPLIAADGGYAFKYENGKYDIKDVGVNDNAGAKAGLTFVLVDLIKHKMNADTDYS  
IAEAAFNKGETAMTINGPWAWSNIDTSKVNYGVTVLPTFKGQPSKPFVGVLSAGI  
NAASPNKELAKEFLENYLLTDEGLEAVNKDKPLGAVALKSYEEELVKDPRIAATM  
ENAKQGEIMPNIQMSAFWYAVRTAVINAASGRQTVDEALKDAQTNSSSSNNNN  
NNNNNNLGDGDDKVPEFLEVLFGQPLGSMDFMRIFTIGTVTLKQGEIKDATPS  
DFVRATATIPQASLPFGWLIVGVALLAVFQSASKIITLKKRWQLALSKGVHVCNL  
LLLFVTVYSHLLLVAAGLEAPFLYLYALVYFLQSFVRIIMRLWLCWKCRSKNPLL  
YDANYFLCWHTNCYDIPYNSVTSSIVITSGDGTTSPISEHDYQIGGYTEKWES  
GVKDCVVLHSYFTSDYYQLYSTQLSTDTGVEHVTFIYNKIVDEPEEHVQIHTIDG  
SSGVVNPVMEPIYDEPTTTTSVPLAmino acids M1 - L275 (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  
(LEVLFGQP) residues 393 - 400

**Purity**

Amylose Resin (0.7)

**Source**

bacteria

**MW**

Mono-Isotopic Mass: 75, 314.19 daltons Average Mass: 75, 361.85 daltons

**Uniprot ID**

**P0DTC3**

**NCBI**

**QHD43417.1**

**Expiration Date**

6 months from date of receipt.