

Product Datasheet

SARS-CoV-2 (COVID-19) ORF3B Recombinant Protein (orb1231112)

Description

SARS-CoV-2 (COVID-19) ORF3B Recombinant Protein

Target

M

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
FPQVAATGDGPDIIFFWAHDFRGGYASGLLAEITPDKAFQDKLYPFTWDAVRYN
GKLIAYPIAVEALSLIYNKDLLPNPPKTWEEIPALDKELKAKGKSALMFNLQEPYFT
WPLIAADGGYAFKYENGKYDIKDVGVNDNAGAKAGLTFVLVDLIKHKHMNADTDYS
IAEAAFNKGETAMTINGPWAWSNIDTSKVNYGVTVLPTFKGQPSKPFVGVLSAGI
NAASPNKELAKEFLENYLLTDEGLEAVNKDKPLGAVALKSYYEELVKDPRIAATM
ENAKQGEIMPNIQMSAFWYAVRTAVINAASGRQTVDEALKDAQTNSSSSNNNN
NNNNNNLGDGDDKVPEFLEVLFGQPLGSMRLWLCWKCRSKNPLLYDANYFLC
WHTNICYDYCIPYNSVTSSIVITSGDGTTSPISEHDYQIGGYTEKWESGVKDCVVL
HSYFTSDYYQLYSTQLSTDTGVEHVTFFIYNKIVDEPEEHVQIHTIDGSSGVVNPV
MEPIYDEPTTTTSVPLAmino acids M1 – L151 (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 (0.8)

Source

bacteria

MW

Mono-Isotopic Mass: 61, 507.47 daltons Average Mass: 61, 546.19 daltons

Uniprot ID

[P0DTC5](#)

NCBI

[QHD43419.1](#)

Expiration Date

6 months from date of receipt.