

Product Datasheet

SARS-CoV-2 (COVID-19) NSP7 Recombinant Protein (orb1231093)

Description

SARS-CoV-2 (COVID-19) NSP7 Recombinant Protein

Target

ORF1ab

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:MKIEEGKLVWINGDKGYNGLAEVGGKFEKDTGIKVTVEHPDKLEEK
FPQVAATGDGPDIIFWAHDHFGGYAQSGLLAEITPDKAFQDKLYPFTWDAVRYN
GKLIAYPIAVEALSLIYNKDLLPNPPKTWEEIPALDKELKAKGKSALMFNLQEPYFT
WPLIAADGGYAFKYENGKYDIKDVGVNDNAGAKAGLTFLVDLIKHKHMNADTDYS
IAEAFNKGGETAMTINGPWAWSNIDTSKVNYGVTVLPTFKGQPSKPFVGVLSAGI
NAASPNKELAKEFLENYLLTDEGLEAVNKDKPLGAVALKSYYEELVKDPRIAATM
ENAQKGEIMPNIQMSAFWYAVRTAVINAASGRQTVDEALKDAQTNSSSSNNNN
NNNNNNLGGDDDKVPEFLEVLFGQPLGSSKMSDVKCTSVVLLSVLQQLRVES
SKLWAQCVQLHNDILLAKDTEAFEKMSVLLSVLLSMQGAVDINKLCEEMLDNR
ATLQAmino acids S1 – Q83 (end).Residue S404 of the fusion protein is
equivalent to S1 of the native enzyme.The MBP tag is located at
residues 1 – 367.Protease Cleavage:PreScission (LEVLFQGP) residues
393 – 400

Purity

Amylose Resin (0.95)

Source

bacteria

MW

Mono-Isotopic Mass: 53, 445.14 daltons Average Mass: 53, 478.74 daltons

Uniprot ID

[P0DTC1](#)

NCBI

[QHD43415.1](#)

Expiration Date

6 months from date of receipt.