

Product Datasheet

SARS-CoV-2 (COVID-19) NSP10 Recombinant Protein (orb1231096)

Description

SARS-CoV-2 (COVID-19) NSP10 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
FPQVAATGDGPDIIIFWAHDFRGGYASGLLAEITPDKAFQDKLYPFTWDAVRYN
GKLIAYPIAVEALSIIYNKDLLPNPPKTWEEIPALDKELKAKGKSALMFNLQEPYFT
WPLIAADGGYAFKYENGKYDIKDVGVNDNAGAKAGLTFVLVDLIKHKHMNADTDYS
IAEAAFNKGETAMTINGPWAWSNIDTSKVNYGVTVLPTFKGQPSKPFVGVLSAGI
NAASPNKELAKEFLENYLLTDEGLEAVNKDKPLGAVALKSYEEELVKDPRIAATM
ENAQKGEIMPNIQMSAFWYAVRTAVINAASGRQTVDEALKDAQTNSSSSNNNN
NNNNNNLGDGDDKVPEFLEVLFGGPLGSAGNATEVPANSTVLSFCAFAVDAAK
AYKDYLASGGQPITNCVKMLCTHTGTGQAITVTPANMDQESFGGASCCLYCRC
HIDHPNPKGFCDLKGKYVQIPTTCANDPVGFTLKNTVCTVCGMWKGYGCSCDQ
LREPLQ Amino acids A1 – Q139 (end).Residue A404 of the fusion
protein is equivalent to A1 of the native enzyme.The MBP tag is located
at residues 1 – 367.Protease Cleavage:PreScission (LEVLFQGP) residues
393 – 400

Purity

Amylose Resin (0.6)

Source

bacteria

MW

Mono-Isotopic Mass: 59, 810.55 daltons Average Mass: 59, 848.71 daltons

Uniprot ID

[P0DTC1](#)

NCBI

[QHD43415.1](#)

Expiration Date

6 months from date of receipt.