

Product Datasheet

SARS-CoV-2 (COVID-19) NSP2 Recombinant Protein (orb1231090)

Description

SARS-CoV-2 (COVID-19) NSP2 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:MKIEEGKLVWINGDKGYNGLAIEVGKKFEKDTGIKVTVEHPDKLEEK
FPQVAATGDGPDIIIFWAHDFRGGYAQSGLLAEITPDKAFQDKLYPFTWDAVRYN
GKLIAYPIAVEALSLIYNKDLLPNPPKTWEEIPALDKELKAKGKSALMFNLQEPYFT
WPLIAADGGYAFKYENGKYDIKDVGVNDAGAKAGLTFVLVDLIKHKHMNADTDYS
IAEAAFNKGETAMTINGPWAWSNIDTSKVNYGVTVLPTFKGQPSKPFVGVLSAGI
NAASPNKELAKEFLENYLLTDEGLEAVNKDKPLGAVALKSYYYEELVKDPRIAATM
ENAKQGEIMPNIQMSAFWYAVRTAVINAASGRQTVDEALKDAQTNSSSSNNNN
NNNNNNLGDGDDKVPEFLEVLFGQPLGSAYTRYVDNNFCGPDGYPLECIKDLLA
RAGKASCTLSEQLDFIDTKRGVYCCREHEHEIAWYTERSEKSYELQTPFEIKLAKK
FDTFNGECPNFVPLNSIIKTIQPRVEKKLDGFMGRIRSVYPVSPNECNQMCLS
TLMKCDHCGETSWQTGDFVKATCEFCGTENLTKEGATTCGYLPQNAVVKIYCPA
CHNSEVGPEHSLAEYHNESGLKILRKGGRTIAFGGCVFSYVGCHNKAYWVPR
ASANIGCNHTGVVGESEGLNDNLLEILQKEKNINIVGDFKLNEEIAIILASFAS
TSAFVETVKGLDYKAFKQIVESCNGFNKVTGKAKKGAWNIGEKSILSPLYAFASE
AARVVRISIFSRTLETAQNSVRVLQKAAITLDGISQYSLRLIDAMMFTSDLATNNL
VVMAYITGGVVQLTSQWLTNIFGTVYEKLKPVLDWLEEKFKEGVEFLRDGWEIVK
FISTCACEIVGGQIVTCAKEIKESVQTFKLVNKFALCADSIIIGGAKLKALNLGET
FVTHSKGLYRKCVKSREETGLLMPLKAPKEIIFLEGETLPTEVLTEEVVLKTGDLQP
LEQPTSEAVEAPLVGTPVCINGLMLEIKDTEKYCALAPNMMVTNNTFTLKGGAm
ino acids A1 - G638 (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 (LEVLFGQP) residues
393 - 400

Purity

Amylose resin (0.85)

Source

bacteria

MW

Mono-Isotopic Mass: 114, 677.11 daltons Average Mass: 114, 750.30 daltons

Uniprot ID

[P0DTC1](#)

NCBI

[QHD43415.1](#)

Expiration Date

6 months from date of receipt.