

Product Datasheet

SARS-CoV-2 (COVID-19) NSP16 Recombinant Protein (orb1231101)

Description

SARS-CoV-2 (COVID-19) NSP16 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
FPQVAATGDGPDIIFFWAHDFRGGYAQSGLLAEITPDKAFQDKLYPFTWDAVRYN
GKLIAYPIAVEALSLIYNKDLLPNPPKTWEEIPALDKELKAKGKSALMFNLQEPYFT
WPLIAADGGYAFKYENGKYDIKDVGVNDNAGAKAGLTFLVDLIKHKHMNADTDYS
IAEAFNKGGETAMTINGPWAWSNIDTSKVNYGTVLPTFKGQPSKPFVGVLSAGI
NAASPNKELAKEFLENYLLTDEGLEAVNKDKPLGAVALKSYEEELVKDPRIAATM
ENAQKGEIMPNIQMSAFWYAVRTAVINAASGRQTVDEALKDAQTNSSSSNNNN
NNNNNNLGGDDDKVPEFLEVLFGQPLGSSSQAWQPGVAMPNLYKMQRMLLEK
CDLQNYGDSATLPKGIMMNVAKYTQLCQYLNTLTAVPYNMRVIHFGAGSDKGV
APGTAVLRQWLPTGTLVDSLDNDFVSDADSTLIGDCATVHTANKWDLIISDMY
DPKTKNVTKEKDSKEGFFTYICGFIQQLALGGSVAIKITEHSWNADLYKLMGHF
AWWTAFTVNTVNASSSEAFLLGICNYLGKPREQIDGYVMHANYIFWRNTNPIQLSS
YSLFDMSKFPLKRGTAVMMSLKEGQINDMILSLLSKGRLLIRENNRVISSDVLVN
NAmino acids S1 - N298 (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 (0.8)

Source

bacteria

MW

Mono-Isotopic Mass: 77, 513.12 daltons Average Mass: 77, 562.24 daltons

Uniprot ID

[P0DTC1](#)

NCBI

[QHD43415.1](#)

Expiration Date

6 months from date of receipt.