

Product Datasheet

SARS-CoV-2 (COVID-19) NSP3 (743 - 1072) Recombinant Protein (orb1231091)

Description

SARS-CoV-2 (COVID-19) NSP3 (743 - 1072) 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
WPLIAADGGYAFKYENGKYDIKDVGVNDNAGAKAGLTFVLVDLIKHKHMNADTDYS
IAEAAFNKGETAMTINGPWAWSNIDTSKVNYGTVLPTFKGQPSKPFVGVLSAGI
NAASPNKELAKEFLENYLLTDEGLEAVNKDKPLGAVALKSYEEELVKDPRIAATM
ENAKQGEIMPNIQMSAFWYAVRTAVINAASGRQTVDEALKDAQTNSSSSNNNN
NNNNNNLGDGDDKVPEFLEVLFGQPLGSSLREVRTIKVFTTVDNINLHTQVVDM
SMTYGGQQFGPTYLDGADVTKIKPHNSHEGKTFYVLPNDTLRVEAFEYHTTDP
SFLGRYMSALNHTKKWKYPQVNGLTSLKWADNNCYLATALTLQIQLKFNPPAL
QDAYRRARAGEAANFCALILAYCNKTVGELGDVRETMSYLFQHANLDSCKRVLN
VVCKTCGQQQTTLKGVEAVMYMGTLSEYEQFKKGVPCTCGKQATKYLQQES
PFVMSAPPAQYELKHGFTTCASEYTGNYQCGHYKHITSKETLYCIDGALLTKSS
EYKGPITDVIFYKENSYTTTIKPVYKLDGVVCTAmino acids S743 - T1072
(end residue G1945).Residue S404 of the fusion protein is equivalent to
S743 of the native enzyme.The MBP tag is located at residues 1 -
367.Protease Cleavage:PreScission (LEVLFGQP) residues 393 - 400

Purity

Amylose Resin (0.9)

Source

bacteria

MW

Mono-Isotopic Mass: 81, 451.71 daltons Average Mass: 81, 503.43 daltons

Uniprot ID

[P0DTC1](#)

NCBI

[QHD43415.1](#)

Expiration Date

6 months from date of receipt.