

Product Datasheet

SARS-CoV-2 (COVID-19) NSP16 Recombinant Protein (orb1231064)

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 GST Uncleaved

Note

For research use only

Protein Sequence

Native

Sequence: MSPILGYWKIKGLVQPTRLLEYLEEKYEEHLYERDEGDKWRNKKFE
LGLEFPNLPYYIDGDVKLTQSMIIRYIADKHNLGGCPKERAISMLEGAVLDIRY
GVSRIAYSKDFETLKVDFLSKLPKMFEDRLCHKTYLNGDHVTHPDFMLYDAL
DVLVYMDPMCLDAFPLVCFKKRIEAIPOIDKYLKSSKYIAWPLQGWQATFGGGD
HPPKSDLEVLFGPLGSSSQAWQPGVAMPNLYKMQRMLLEKCDLQNYGDSATL
PKGIMMNVAKYTQLCQYLNTLTAVPYNMRVIHFGAGSDKGAVPGTAVLRQWLP
TGTLVDSLDLNDVSDADSTLIGDCATVHTANKWDLIISDMYDPKTKNVTEND
SKEGFFTYICGFIQKQKLALGGSVAIKITEHSWNADLYKLMGHFAWWTAFVTNVN
ASSSEAFILGCNYLGKPREQIDGYVMHANYIFWRNTNPIQLSSYSLFDMSKFPLKL
RGTAVMSLKEGQINDMILSLLSKGRLLIENNRVVISDVLVNN
Amino acids S1 – N298 (end). Residue S232 of the fusion protein is equivalent to S1 of the native enzyme. The GST tag is located at residues 1 – 220. Protease Cleavage: PreScission (LEVLFQGP) residues 221 – 228

Purity

GSH-Agarose (0.75)

Source

bacteria

MW

Mono-Isotopic Mass: 60, 108.39 daltons Average Mass: 60, 147.49 daltons

Uniprot ID

[P0DTC1](#)

NCBI

[QHD43415.1](#)

Expiration Date

6 months from date of receipt.