

Product Datasheet

SARS-CoV-2 (COVID-19) ORF3A Recombinant Protein (orb1231065)

Description

SARS-CoV-2 (COVID-19) ORF3A Recombinant Protein

97

Target

3a

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
LGLEFPNLPYYIDGDVTKLTQSMIIRYIADKHNLGGCPKERAISMLEGAVLDIRY
GVSRIAYSKDFETLKVDFLSKLPEMLKMFEDRLCHKTYLNGDHSVTHPDFMLYDAL
DVVLYMDPMCLDAFPLKLVCFKKRIEAIPOIDKYLKSSKYIAWPLQGWQATFGGGD
HPPKSDLEVLFGPLGSMDFMRIFTIGTVTLKQGEIKDATPSDFVRATATIPQAS
LPFGWLIVGVALLAVFQSASKIITLKKRWQLALSKGVHFCNLLLLFVTYVSHLLLV
AAGLEAPFLYLYALVYFLQSINFVRIIMRLWLCWKCRSKNPLLYDANYFLCWHTN
CYDYCIPYNSVTSSIVITSGDGTTSPISEHDYQIGGYTEKWESGVKDCVVLHSYFT
SDYYQLYSTQLSTDTGVEHVTFFIYNKIVDEPEEHVQIHTIDGSSGVVNPVMEPIY
DEPTTTTSVPLAmino acids M1 - L275 (end).Residue M232 of the fusion
protein is equivalent to M1 of the native enzyme.The GST tag is located
at residues 1 - 220.Protease Cleavage:PreScission (LEVLFGGP) residues
221 - 228

Purity

GSH-Agarose (0.75)

Source

bacteria

MW

Mono-Isotopic Mass: 57, 909.46 daltons Average Mass: 57, 947.10 daltons

Uniprot ID

[P0DTC3](#)

NCBI

[QHD43417.1](#)

Expiration Date

6 months from date of receipt.

45
30
20
14