

Product Datasheet

SARS-CoV-2 (COVID-19) NSP14 Recombinant Protein (orb1231062)

Description

SARS-CoV-2 (COVID-19) NSP14 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
 LGLEFPNLPYYIDGDVKLTQSMAIIRYIADKHNLGGCPKERAIEISMLEGAVLDIRY
 GVSRIAYSKDFETLKVDFLSKLPKMFEDRLCHKTYLNGDHVTHPDFMLYDAL
 DVVLYMDPMCLDAFPKLVCFKKRIEAIPOIDKYLKSSKYIAWPLQGWQATFGGGD
 HPPKSDLEVLFGPLGSAENVTLGFKDCSKVITGLHPTQAPTHLSVDTKFKTEGL
 CVDIPGIPKDMTYRRLISMGMFKNYQVNGYPNMFITREEAIRHVRAWIGFDVEG
 CHATREAVGTNLPLQLGFSTGVNLVAVPTGYVDTNNTDFSRVSAKPPPGDQFK
 HLIPLMYKGLPWNVVRIKIVQMLSDTLKNSDRVVFVLAHGFELTSMKYFVKIG
 PERTCCLCDRRATCFSTASDTYACWHHSIGFDYVYNPFMIDVQQWGFTGNLQS
 NHDLYCQVHGNAHVASCDAIMTRCLAVHECFVKRVDWTIEYPIIGDELKINAACR
 KVQHMVVKAALLADKFPVLHDIGNPKAICVPAQADVEWKFYDAQPCSDKAYKIE
 ELFYSYATHSDKFTDGVCLFWNCNVDRYPANSIVCRFDTRVLSNLNLPGLCDGGS
 LYVNHAFHTPAFDKSAFVNLKQLPFFYYSDSPCESHGKQVVSIDIDYVPLKSATCI
 TRCNLGGAVCRHHANEYRLYLDAYNMMISAGFSLWVYKQFDTYNLWNTFTRLQ
 Amino acids A1 – Q527 (end). Residue A232 of the fusion protein is
 equivalent to A1 of the native enzyme. The GST tag is located at
 residues 1 – 220. Protease Cleavage: PreScission (LEVLFQGP) residues
 221 – 228

Purity

GSH-Agarose (0.8)

Source

bacteria

MW

Mono-Isotopic Mass: 86, 583.01 daltons Average Mass: 86, 639.83 daltons

Uniprot ID

[P0DTC1](#)

NCBI

[QHD43415.1](#)

Expiration Date

6 months from date of receipt.

