
Product Datasheet

SARS-CoV-2 (COVID-19) NSP13 Recombinant Protein (orb1231061)

Description

SARS-CoV-2 (COVID-19) NSP13 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
 LGLEFPNLPYYIDGDVKTQSMAIRYIADKHNMLGGCPKERAEISMLEGAVLDIRY
 GVSRIAYSKDFETLKVDFLSKLPKEMLMFEDRLCHKTYLNGDHSVTHPDFMLYDAL
 DVVLYMDPMCLDAFPKLVCFKKRIEAIPOIDKYLKSSKYIAWPLQGWQATFGGGD
 HPPKSDLEVLVFGPLGSAVGACVLCNSQTSLRGACIRRPFLCCKCCYDHVISTS
 HKLVLSVNPYVCNAPGCDVTDVTQLYLGGMSYCKSHKPPISFPLCANGQVFGFL
 YKNTCVGSDNVTDFNAIATCDWTNAGDYILANTCTERLKLFAAETLKATEETFKL
 SYGIATVREVLSRELHLSWEVKGPRPPLNRNYVFTGYRVTKNSKVQIGEYTFEK
 GDYGDVVYRGTTTTYKLNVDYFVLTSHVMPLSAPTLVPEHYVRITGLYPTLN
 ISDEFSSNVANYQKVGMMQKYSTLQPPGTGKSHFAIGLALYPSARIVYTACSHA
 AVDALCEKALKYLPIDKCSRIIPARARVECFDKFVNSTLEQYVFCTVNALPETTA
 DIVVFDEISMATNYDLSVNNARLRKHYVYIGDPAQLPAPRTLLTKGTLEPEYFNS
 VCRLMKTIGPDMFLGTCRRCPAEIVDVSALVYDNKLAHKDKSAQCFKMFYKG
 VITHDVSSAINRPQIGVVREFLTRNPAWRKAVFISPYNSQNAVASKILGLPTQTV
 SSQGSEYDYVIFTQTTETAHSCNVNRFNVAITRAKVGILCIMSDDRDLYDKLQFTSL
 EIPRRNVATLQ Amino acids A1 - Q601 (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 (LEVLFGP) residues
 221 - 228

Purity

GSH-Agarose (0.8)

Source

bacteria

MW

Mono-Isotopic Mass: 93, 618.22 daltons Average Mass: 93, 678.91 daltons

Uniprot ID
[P0DTC1](#)
NCBI
[QHD43415.1](#)
Expiration Date

6 months from date of receipt.