

Product Datasheet

SARS-CoV-2 (COVID-19) NSP11 NSP12 Recombinant Protein (orb1231060)

Description

SARS-CoV-2 (COVID-19) NSP11 NSP12 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: MSPILGYWKIKGLVQPTRLLLEYLEEKYEEHLYERDEGDKWRNKKFE
LGLEFPNLPYYIDGDVKLTQSMIIRYIADKHNLGGCPKERAISMLEGAVLDIRY
GVSRIAYSKDFETLKVDFLSKLPKMFEDRLCHKTYLNGDHVTHPDFMLYDAL
DVVLYMDPMCLDAFPKLVCFKKRIEAIPOIDKYLKSSKYIAWPLQGWQATFGGGD
HPPKSDLEVLFGGPLGSSADAQSFNLRVCGVSAARLTPCGTGTSTDVVYRAFDIY
NDKVAGFAKFLKTNCCRFQEKDEDDNLIDSYFVVKRHTFSNYQHEETIYNLLKDC
PAVAKHDFKFRIDGDMVPHISRQRLTKYTMADLVYALRHDFEGNCDTLKEILVT
YNCCDDDDYFNKKDWYDFVENPDILRVYANLGERVRQALLKTQVQCDAMRNAGI
VGVLTLDNQDLNGNWDYDFGDFIQTPGSGVPVVDSSYLLMPILTLTRALTAESH
VDTDLTKPYIKWDLKDYDFTEERLKLFDYFKYWDQTYHPNCVNLDDRCILHCA
NFNVLFTSTVPPTSGPLVRKIFVDGVFPVSTGYHFRELGVVHNQDVNLHSSRL
SFKELLVYAADPAMHAASGNLLDKRTTCFSAALTNNVAFQTVKPGNFNKDFY
DFAVSKGFFKEGSSVELKHFFFAQDGNAAISDYDYRYNLPTMCDIRQLLFVVEV
VDKYFDCYDGGCINANQVIVNNLDKSAGFPFNKWKARLYDSMSYEDQDALF
AYTKRNVIPITITQMNLYAISAKNRARTVAGVSICSTMTNRQFHQKLLKSIAATRG
ATVVGTSKFGGWNNMLKTVYSDVENPHLMGWDYPKCDRAMPNMLRIMASL
VLARKHTTCCSLSHRFYRLANCAQVLSEVMVCGGSLYVKPGGTSSGDATTAY
ANSVFNICQAVTANVNALLSTDGNIADKYVRNLQHRLYECLYRNRDVTDFVN
EFYAYLRKHFSMMILSDDAVVCFNSTYASQGLVASIKNFKSVLYYQNNVFMSEAK
CWTETDLTKGPHEFCQSHTMLVKQGDDYVYLPYPDPSTRILGAGCFVDDIVKTDG
TLMIERFVSLAIDAYPLTKHPNQEYADVHLYLQYIRKLHDELTGHMLDMYSVMLT
NDNTSRYWEPEFYEAMYPHTVLQAmino acids S1 - Q932 (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 (0.8)

Source

bacteria

MW

Mono-Isotopic Mass: 133, 397.72 daltons Average Mass: 133, 484.40 daltons

Uniprot ID

[P0DTC1](#)

NCBI

[QHD43415.1](#)

Expiration Date

6 months from date of receipt

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