




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	<p>Native</p> <p>Sequence: MSPILGYWKIKGLVQPTRLLEYLEEKYEEHLYERDEGDKWRNKKFELGLEFPNLPYYIDGDVKLTQSMAIRYIADKHNMLGGCPKERAEISMLEGAVLDIRYGVSR IAYSKDFETLKVDFLSKLP EMLKMFEDRLCHKTYLNGDHVTHPDFMLYDALDVVLYMDPMCLDAFPKLVCFKKRIEAIPOIDKYLKSSKYIAWPLQGWQATFGGGDHPPKSDLEVLVFGPLGSSADAQSF LNRVCGVSAARLTPCGTGTSTDVVYRAFDIYN DKVAGFAKFLKTNCCRFQEKDEDDNLIDSYFVVKRHTFSNYQHEETIYNLLKDCPAVAKHDFKFRIDGDMVPHISRQRLTKYTMADLVYALRHFDEGNCDTLKEILVTYNCCDDDDYFNKKDWYDFVENPDILRVYANLGERVVRQALLKT VQFC DAMRNAGIVGVLTLDNQDLNGNWYDFGDFIQTTPGSGVPVVD SYSLMPILTLTRALTAESHVDTDLTKPYIKWDLKDYDFTEERLKLFD RYFKYWDQTYHPNCVNCLDDRCILHCA NFNVLVSTVFPPTSFGPLVRKIFVDGVPFVSTGYHFRELGVVHNQDVNLHSSRLSFKELLVYAADPAMHAASGNLLLDKRTTCFSVAALTNNVAFQTVKPGNFNKDFYDFAVSKGFFKEGSSVELKHFFFAQDGNAAISDYDYRYNLP TMC DIRQLLFVVEVVDKYFDCYDGGCINANQVIVNNL DKSAGFPFNKWKARLYDMSYEDQDALFAYTKRNVIPITITQMNLKYAISAKNRARTVAGVSICSTMTNRQFHQKLLKSIAATRGTAVVIGTSK FYGGWHNMLKTVYSDVENPHLMGWDYPKCDRAMPNMLRIMASLV LARKHTTCCSLSHRFYRLAN ECAQVLSEMVMCGGSLYV KPGGTSSGDATTAYANSVFNICQAVTANVNALLSTDGNKIADKYVRNLQHRLYECLYRNRD VDTDFVNEFYAYLRKHFSMMILSDDAVVCFNSTYASQGLVASIKNFKSVLYYQNNVFMSEAKCWTETDLTKGPHEFCSQHTMLVKQGDDYVYLPYDPSRILGAGCFVDDIVKTDG TLMIERFVSLAIDAYPLTKHPNQEYADVHLYLQYIRKLHDEL TGHMLDMYSVMLTNDNTSRYWEPEFYEAMYTPHTVLQAmino 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 (LEVLVFGP) residues 221 - 228</p>	
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	