

Product Datasheet

SARS-CoV-2 (COVID-19) Membrane Recombinant Protein (orb1231104)

Description	SARS-CoV-2 (COVID-19) Membrane Recombinant Protein	
Target	M	
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 MBP Uncleaved	
Note	For research use only	
Protein Sequence	<p>Native</p> <p>Sequence:MKIEEGKLVWINGDKGYNGLAEVGGKFEKDTGIKVTVEHPDKLEEK FPQVAATGDGPDIIFFWAHDFRGGYAQSGLLAEITPDKAFQDKLYPFTWDAVRYN GKLIAYPIAVEALSIIYNKDLLPNPPKTWEEIPALDKELKAKGKSALMFNLQEPYFT WPLIAADGGYAFKYENKDYDIKDVGVNDNAGAKAGLTFVLVDLIKHKHMNADTDYS IAEEAFNKGETAMTINGPWAWSNIDTSKVNYGVTVLPTFKGQPSKPFVGVLSAGI NAASPNKELAKEFLENYLLTDEGLEAVNKDKPLGAVALKSYYEELVKDPRIAATM ENAQKGEIMPNIQMSAFWYAVRTAVINAASGRQTVDEALKDAQTNSSSSNNNN NNNNNNLGDDDDKVPEFLELVFQGPLGSMADSNGTITVEELKKLLEQWNLVIGF LFLTWICLLQFAYANRNRFLYIIKLIWLLWPVTLACFVLAAYRINWITGGIAIAM ACLVGLMWLSYFIASFRLFARTRSMWSFNPETNILLNVPLHGTILTRPPLSELVIG AVILRGHLRIAGHHLGRCDIKDLPKEITVATSRTLSYYKLGASQRVAGDSGFAAYS RYRIGNYKLNTHSSSSDNIALLVQAmino acids M1 - Q222 (end).Residue M404 of the fusion protein is equivalent to M1 of the native enzyme. The MBP tag is located at residues 1 - 367.Protease Cleavage:PreScission (LELVFQGP) residues 393 - 400</p>	
Purity	Amylose Resin (0.85)	
Source	bacteria	
MW	Mono-Isotopic Mass: 69, 341.81 daltons Average Mass: 69, 385.53 daltons	
Uniprot ID	P0DTC5	
NCBI	QHD43419.1	
Expiration Date	6 months from date of receipt.	