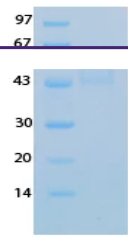
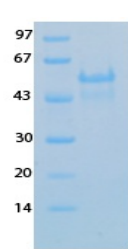

Product Datasheet

SARS-CoV-2 (COVID-19) Envelope Recombinant Protein (orb1231102)

| | | |
|-------------------------|--|---|
| Description | SARS-CoV-2 (COVID-19) Envelope Recombinant Protein |  |
| Target | E | |
| 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 | Native Sequence:MKIEEGKLVWINGDKGYNGLAEVGGKFEKDTGKIKVTVEHPDKLEEK FPQVAATGDGPDIIFFWAHDRFGGYAQSGLLAEITPKAFQDKLYPFTWDAVRYN GKLIAYPIAVEALSIIYNKDLLPNPPKTWEEIPALDKELKAKGKSALMFNLQEPYFT WPLIAADGGYAFKYENGGYDIKDVGVNDNAGAKAGLTFVLVDLIKHKHMNADTDYS IAEEAFNKGETAMTINGPWAWSNIDTSKVNYGVTVLPTFKGQPSKPFVGVLSAGI NAASPNKELAKEFLENYLLTDEGLEAVNKDKPLGAVALKSYEEELVKDPRIAATM ENAQKGEIMPNIQMSAFWYAVRTAVINAASGRQTVDEALKDAQTNSSSSNNNN NNNNNNLGDDDDKVPEFLELVFQGPLGSMYSFVSEETGTLIVNSVLLFLAFVVF LVTLAILTALRLCAYCCNIVNLSLVKPSFYVYSRVKLNLSRVPDLLVAmino acids M1 - V75 (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 (LEVLVFGP) residues 393 - 400 |  |
| Purity | Amylose Resin (0.8) | |
| Source | bacteria | |
| MW | Mono-Isotopic Mass: 52, 570.91 daltons Average Mass: 52, 603.96 daltons | |
| Uniprot ID | P0DTC4 | |
| NCBI | QHD43418.1 | |
| Expiration Date | 6 months from date of receipt. | |

SDS-Page analysis of SARS-CoV-2 (COVID-19)