

## Product Datasheet

# SARS-CoV-2 (COVID-19) Envelope Recombinant Protein (orb1231076)

<b>Description</b>	SARS-CoV-2 (COVID-19) Envelope Recombinant Protein
<b>Target</b>	E
<b>Preservatives</b>	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
<b>Form/Appearance</b>	Liquid
<b>Concentration</b>	batch dependent
<b>Storage</b>	Store at -70 °C. Avoid repeated freeze-thaw cycles.
<b>Tag</b>	N-Term GST Uncleaved
<b>Note</b>	For research use only
<b>Protein Sequence</b>	<p>Native</p> <p>Sequence: MSPILGYWKIKGLVQPTRLLEYLEEKYEEHLYERDEGDKWRNKKFE            LGLEFPNLPYYIDGDVCLTQSMIIRYIADKHNMLGGCPKERAEISMLEGAVLDIRY            GVSRIAYSKDFETLKVDFLSKLPPEMLKMFEDRLCHKTYLNGDHWVTHPDFMLYDAL            DVVLYMDPMCLDAFPKLVCFKKRIEAIPIQIDKYLKSSKYIAWPLQGWAQTFGGGD            HPPKSDLEVLFGQPLGSMYSFVSEETGTLIVNSVLLFLAFVFLVTLAILTALRLC            AYCCNIVNVLVKPSFYVYSRVKLNLSRVDPDLLVAmino acids M1 - V75            (end). Residue M232 of the fusion protein is equivalent to M1 of the            native enzyme. The GST tag is located at residues 1 - 220. Protease            Cleavage: PreScission (LEVLFGP) residues 221 - 228</p>
<b>Purity</b>	GSH-Agarose (0.75)
<b>Source</b>	bacteria
<b>MW</b>	Mono-Isotopic Mass: 35, 189.20 daltons Average Mass: 35, 166.17 daltons
<b>Uniprot ID</b>	<b>P0DTC4</b>
<b>NCBI</b>	<b>QHD43418.1</b>
<b>Expiration Date</b>	6 months from date of receipt.

