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## Product Datasheet

### **SARS-CoV-2 (COVID-19) NSP16 Recombinant Protein (orb1231064)**

<b>Description</b>	SARS-CoV-2 (COVID-19) NSP16 Recombinant Protein	
<b>Target</b>	ORF1ab	
<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: MSPILGYWKIKGLVQPTRLLEYLEEKYEEHLYERDEGDKWRNKKFELGLEFPNLPYYIDGDVKTQSMAIRYIADKHNMLGGCPKERAEISMLEGAVLDIRYGVSR IAYSKDFETLKVDFLSKLP EMLKMFEDRLCHKTYLNGDHVTHPDFMLYDALDVVLYMDPMCLDAFPKLVCFKKRIEAIPOIDKYLKSSKYIAWPLQGWQATFGGGDHPPKSDLEVLFGPLGSSSQAWQPGVAMPNLYKMQRMLLEKCDLQNYGDSATLPKGIMMNVAKYTQLCQYLNTLTLAVPYNMRVIHFGAGSDKGVAPGTAVLRQWLP TGTLLVDSDLNDFVSDADSTLIGDCATVHTANKWDLIISDMYDPKTKNVTKENDSKEGFFTYICGFIQKQLALGGSVAIKITEHSWNADLYKLMGHFAWWTAFVTNVNASSSEAF LIGCNLYGKPREQIDGYVMHANYIFWRNTNPIQLSSYS LFDMSKFPLKLRGTAVMSLKEGQINDMILSLLSKGRLLIIRENNRVISSDVLVNN</p> <p>Amino acids S1 - N298 (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 (LEVLFGP) residues 221 - 228</p>	
<b>Purity</b>	GSH-Agarose (0.75)	
<b>Source</b>	bacteria	
<b>MW</b>	Mono-Isotopic Mass: 60, 108.39 daltons Average Mass: 60, 147.49 daltons	
<b>Uniprot ID</b>	<a href="#">P0DTC1</a>	
<b>NCBI</b>	<a href="#">QHD43415.1</a>	
<b>Expiration Date</b>	6 months from date of receipt.	