

## Product datasheet for **VC202562**

### SARS-CoV-2 ORF8 Gene cDNA Clone (Native Sequence)

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SARS-CoV-2 ORF8 Gene cDNA Clone (Native Sequence)
Symbol:	ORF8
Mammalian Cell Selection:	None
Vector:	pUCminusMCS
E. coli Selection:	Ampicillin
ORF Nucleotide Sequence:	>The Viral ORF clone VC202562 represents NCBI reference of YP_009724396 for cloning vector Blue=ORF Red=Cloning site Green=Tag(s)
	GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGGCCGGGAATTCGTCGACTG GATCCGGTACCGAGGAGATCTGCCGCC <b>GCGATCGCC</b> ATGAAATTTCTTGTTCCTTAGGAATCATCACAACGTAGCTGCATTTCCACCAAGAATGTAGTTTACAG TCATGTAATCAACATCAACCATATGTAGTTGATGACCCGTGCTATTCACTTCTATTCTAAATGGTAT ATTAGAGTAGGAGCTAGAAAATCAGCACCTTTAATTGAATTGTGCGTGGATGAGGCTGGTTCTAAATCA CCCATTCACTACATCGATATCGTAATTATACAGTTTCCTGTTTACCTTTTACAATTAATTGCCAGGAA CCTAAATGGGTAGTCTTGTAGTGCCTTTCGTTCTATGAAGACTTTTTAGAGTATCATGACGTTTCGT GTTGTTTTAGATTCATCTAA
ACCN:	NC_045512
ORF Size:	276 bp
OTI Annotation:	This clone was engineered to express the complete ORF. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li> </ol>



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**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** [NC\\_045512.2](#), [YP\\_009724396](#)

**RefSeq ORF:** 276 bp

**MW:** 13.8 kDa