

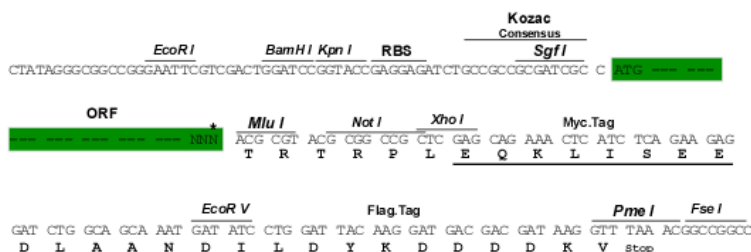
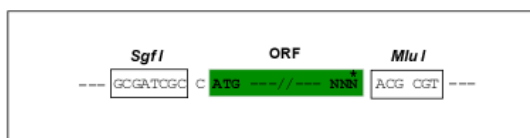
## Product datasheet for VC102582

### SARS-CoV-2 Orf3a Gene Tagged ORF Clone (Native Sequence)

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SARS-CoV-2 Orf3a Gene Tagged ORF Clone (Native Sequence)
Tag:	mRFP
Symbol:	ORF3a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-mRFP (PS100041)
E. coli Selection:	Ampicillin (100 ug/mL)
Restriction Sites:	SgfI-MluI
Cloning Scheme:	

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

ACCN:	NC_045512
ORF Size:	870 bp
OTI Disclaimer:	The molecular sequence of this clone can be viewed by clicking the "ORF Nucleotide Sequence" link above. The stop codon in the native sequence was removed to create the in-frame c-terminal fusion with a Myc-DDK tag.



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OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. 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>
RefSeq:	<u><a href="#">NC_045512.2</a></u> , <u><a href="#">YP_009724391.1</a></u>
RefSeq ORF:	870 bp
MW:	32.8 kDa