

Product datasheet for VC102586

OriGene Technologies, Inc.

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SARS-CoV-2 Orf10 Gene Tagged ORF Clone (Native Sequence)

Product data:

Product Type: Expression Plasmids

Product Name: SARS-CoV-2 Orf10 Gene Tagged ORF Clone (Native Sequence)

Tag:mRFPSymbol:ORF10

Mammalian Cell

Selection:

Neomycin

Vector: pCMV6-AC-mRFP (PS100041)

E. coli Selection: Ampicillin (100 ug/mL)

ORF Nucleotide >The Viral ORF clone VC102586 represents NCBI reference of YP_009725255

Sequence: Blue=ORF Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCCGCCGGGAATTCGTCGACTG

GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC

AAGGATGACGACGATAAGGTT

ACGCGTACGCGGCCGCTCGAG - mRFP-Tag - TAA GTT TAA ACGGCCGGCCGCGG

Protein Sequence: >VC102586 representing YP_009725255

Blue=ORF Red=Cloning site Green=Tag(s)

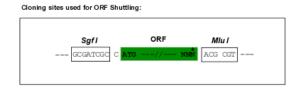
MGYINVFAFPFTIYSLLLCRMNSRNYIAQVDVVNFNLTAANDILDYKDDDDKV

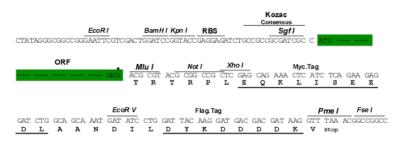
TRTRPLE - mRFP-Tag -

Restriction Sites: Sgfl-Mlul



Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF

ACCN: NC_045512

ORF Size: 159 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.

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: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

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.



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RefSeq: NC 045512.2, YP 009725255.1

RefSeq ORF: 159 bp **MW:** 6.1 kDa