

Product datasheet for RC209083

C8orf82 (NM_001001795) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C8orf82 (NM_001001795) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: C8orf82
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC209083 representing NM_001001795.
 Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTGGCCGCCTTGC GGACGCTCCGGACCTGGCCTTGGCGCGGTGCGGGGAGCCCGGGCCTGCAGC
GGGGATGGGGGCGTTTCTACACGCAGGGCCAGAGTCCGGACCCGCGGACCCGCGAGTATTTCTACTAC
GTGGACCACCAGGGCCAGCTTTTCTGGATGATTCAAAATGAAGAATTCATCACCTGCTTCAAAGAC
CCGAGTTCCTGGTCACCTTCTTCTCCCGCCTGAGACCAACCGCAGCGGGCGCTACGAGGCCGCTTTC
CCCTTCTCTCGCCCTGCGGCAGAGAGCGCAACTTCTGCGCTGCGAGGACCGCCGGTGGTCTTTCAGC
CACCTGCTGACCGCGGACCACGGGCCCTCCGCGCCTCCTACTGCGCGGTGGCGAGGCCCTGGCCGTG
CCCTTCGAGCCGCGCGCCTGCTGCCCTGGCCGCCAACGGGCGCCTGTACCACCCGCGCCAGAGCGT
GCGGGCGGCGTGGGCTGGTGCCTCCGCCCTGGCCTTCGAGCTCAGCGCCTGCTTCGAGTACGGGCC
GGCGCGCCTGCGCTGCCCTCGCACGTGCCTGGCAGGGCCCGCCTCGCCCTCACCATGGACCTGGCC
CCGCTGCTGCTCGCGGCTCGGTGCC
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC

Protein Sequence: >Peptide sequence encoded by RC209083
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MWPPCGTLRTLALARSRGARACSGDGGVSYTQQQSPDPRTREYFYVDHQQLFLDDSKMKNFITCFKD
PQFLVTFVSRRLPNRSGRYEAFPFVSPCGRERNFLRCDPRVVFTHLLTADHGPPRLSYCGGGEALAV
PFEPARLLPLAANGRLYHPAPERAGGVGLVRSALAFELSACFEYGPAPALPSHVRWQGRRLAL TMDLA
PLLLAARSP
TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
```

Restriction Sites: SgfI-MluI



Cloning Scheme:


ACCN: NM_001001795

ORF Size: 648 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in *E. coli* are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

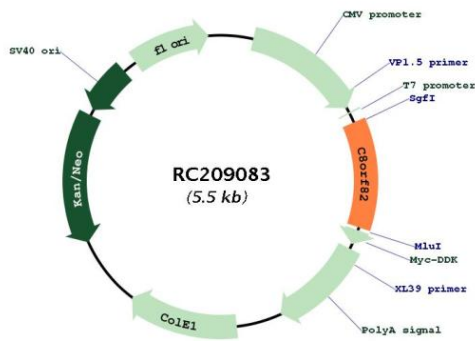
OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq Size:	1979 bp
RefSeq ORF:	651 bp
Locus ID:	414919
UniProt ID:	<u>Q6P1X6</u>
Cytogenetics:	8q24.3
MW:	23.9 kDa

Product images:



Circular map for RC209083