

Product datasheet for RR209996

Ccdc127 (NM_198766) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ccdc127 (NM_198766) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ccdc127
Synonyms: RGD735106
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR209996 representing NM_198766
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAATAACTTAAACGACCCCCAAATTGGAATATCCAGCCCAATCCCAGGGCTGATGGGGTGACGGAA
GCAAGTGAATTATGCTCTGTTGGTGCCAATGCTCGGATTGGCAGCGTTTCGTTGGATTTGGTCTAGGGA
ATCCAAAAAGAAATAGAAAAAGCAAGAAGAGCATATCATCAGCAAACAGCTGCTTCCAGCAGGATCTT
GACGCTAAATACCACGCTGTGATCTCGGAACACCGGCGCGCTGTTGCTCAGCTCTCTTTGAACTGGAAA
AAGAGCAAAACAGAACCAACCAGCTTTCGAGAAGCCCTTATCTCTCAGGGCGTAAGTTGGCAGAAGAAAA
GAAGCTTCTTGAACAGGAACGGGCTCAGATCATACAAGAAAAAGCCAGCGTCAGCCTCTGAGACGTGCC
TATTTGAGCTGCCTGGAAGAAGAGGATGAGTGGCAGAGGAGGCCAGCTTGTGCTGAAGGAGGTGGGAG
AAGCTCTCGAGGAACGCCAAAATATCTACTGTAGCCTGATTCTTCCCGTAGTGCACGGCAACAGCTAGA
GAAGAGCTTACTGGTGCACATCTGCTGATCCAGTGGCTGCCGACCTAGAAATGGCAACTGGCTTATCT
GACATATTTAAGCATGATAAGCATTGTGGAGATGTCTGGAACACCAACAAACGCCAAAATGGGAAGCTCA
TGTGGATGTATCTTAAATATTGGGAACACTTGTGTAACCTAAAAATTTAAAAAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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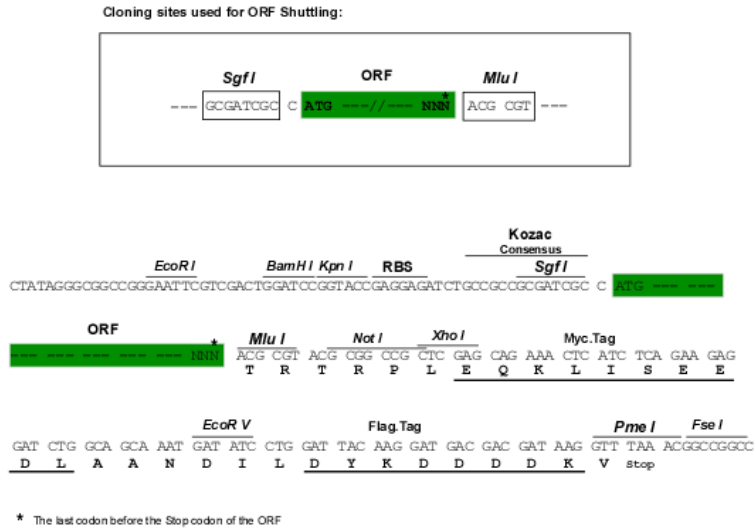
Protein Sequence: >RR209996 representing NM_198766
Red=Cloning site Green=Tags(s)

MNNLNDPPNWN IQPNPRADGGDGSKWN YALLVPMLGLAAFRWIWSRESQKEIEKARRAYHQQTAAFQDDL
 DAKYHAVISEHRRVAQLSLELEKEQNRTTSFREALISQGRKLAEEKLLEQERAQIIQEKSQRQPLRRA
 YLSCLEEEDEWQRRRAQLVLKEVGEALEERQNIYCSLILPR SARQQLEKSLLVRTSADPVAADLEMATGLS
 DIFKHDKHCGDVWNTNKRQNGKLMWMYLKYWELLVELKKFKK

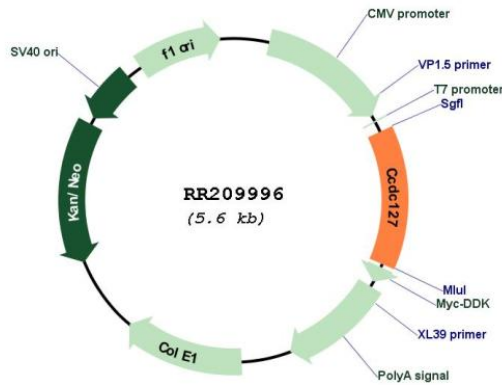
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_198766
ORF Size: 756 bp

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| OTI Disclaimer: | 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: | <ol style="list-style-type: none">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. |
| RefSeq: | NM_198766.1 , NP_942061.1 |
| RefSeq Size: | 1289 bp |
| RefSeq ORF: | 759 bp |
| Locus ID: | 308060 |
| UniProt ID: | Q6PEB9 |
| Cytogenetics: | 1p11 |
| MW: | 29.6 kDa |