

Product datasheet for MR203383

Ccdc127 (NM_024201) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccdc127 (NM_024201) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ccdc127
Synonyms:	0610011N22Rik; 5430420E17Rik; A430066A18; AI256405; AW050060; C130002N06
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR203383 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAATAACTTAAACGACCCCCAAATTGGAATATCAGGCCCAATGCCAGGGCTGATGGGGTGATGGAA
GCAAGTGGAAATTATGCCCTATTGGTGCCAATGCTCGGATTGGCAGCATTCGTTGGATTTGGTCTAGGGA
ATCCAAAAAGAGATAGAAAAAGCCAGAAAAGCATATCATCAGAGAACAGCTGCTTCCAACAGGATCTT
GAAGCCAATACCATGCCGTGATCTCAGAACACCGCGCGCTGTGGCTCAGCTGTCTTTGAACTGGAAA
AAGAGCAAAATAGAACAAGTAGTTTTCGAGAAGCCCTCATCTCGCAGGGCGTAAGTTGGCAGAAGAAAA
GAAACTTCTCGAACAGGAACGGGCTCAGATAAAGCAAGAAAAAGCCGGCTCCAGCCTCTGAGAAATGTC
TATTTGAGCTGCCTGCAAGAAGAGGATGACTGGCAGAGGAGGCCAGCATGTGCTGAAAGAGGTGGGAG
AAGCTCTCGAGGAACGCCAAAATATCTATTGTAGCCTGATCATCCCCGTAGTGCACGACTAGAGCTGGA
GAAGAGCTTACTGGTGCGCACATCTGTTGATCCAGTGGCTGTGACCTAGAAATGGCAGCTGGCTTGTCT
GACATATTTAAGCATGATAAGCATTGTGGAGATGTCTGGAACCAACAAACGTCAAAATGGGAAGCTCA
TGTGGATGTATCTCAAACTACTGGAACTACTTGTGCAACTAAAAATTTAAGAAAGTAGAGAAGGTCAT
ATTAGAAAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR203383 protein sequence
Red=Cloning site Green=Tags(s)

MNNLNDPPNWNIRPNARADGGDGSKWNYALLVPMGLAAFRWIWSRESQKEIEKARKAYHQRTAAFQDL
 EAKYHAVISEHRRVAQLSLELEKEQNRTSSFREALISQGRKLAEEKLLEQERAQIKQEKSRQLPLRNV
 YLSCLQEEDDWQRRHQHVLKEVGEALEERQNIYCSLIIPRSARLELEKSLLVRTSVDPVAADLEMAAGLS
 DIFKHDKHCGDVWNTNKRQNGKLMWMLKYWELLVELKKFKKVEKVILEK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_024201

ORF Size: 783 bp

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:

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_024201.1](#)

RefSeq Size: 3430 bp

RefSeq ORF: 783 bp

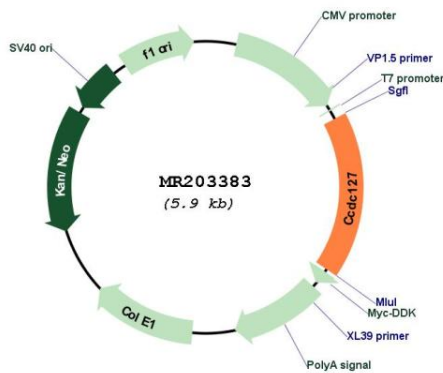
Locus ID: 67433

UniProt ID: [Q3TC33](#)

Cytogenetics: 13 C1

MW: 30.5 kDa

Product images:



Circular map for MR203383