

Product datasheet for **MG207528**

Ccdc77 (BC018387) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccdc77 (BC018387) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ccdc77
Synonyms:	2400002C23Rik; 2700091N06Rik; AV168274
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG207528 representing BC018387
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAATTCACTCCGACACGGACACCCATCTGCAGAAAGTGAAGAAAATGGCAGACTCAATGGAGTCAA
 CACCCCTGCCTTCAGTCGAGGATCGTCTGGCTGTCTTTGCCCTTCTCAGGAGCTTCTGGAGTATTATCA
 GAAGAAGATGGCTAACTGTGAATCAGAGAATGAAGATCTGTTGAAGAAGCTAGAGCTCTACAGAGAAGCT
 TGCGAAGAGCAGCATAACTTGAGTGGAAGTTCAGCAGAGGGAGGAAGAGATTGCAGAATTGCAGAAAG
 CTCTGAGTGATATGCAGGTCTGCCTCTTCCAGGAAAGGGAACATGTTTTACGACTCTACTCAGAAAATGA
 CCGACTAAGAATCAGAGAACTGGAAGACAAGAAAAGATTAGAATCTGTTAGCTCTGGTGGGCCAGAT
 GCTGGTGAAGTGACCTATTTTCATAAGGAGCCTCCCCACAAAGTCAGCATTCTCCAGAAGACTCTGCAGG
 CTGCAGTCGATGTGAGCCTTCTGCTTCCAAAGCAGATCTGGAGTAAGCAAAAGACAAGTAAGAATAAA
 GGACAAGGAGGGCATTCTGAGCGCCACCAGAGGGACACAGAGATGCTGCTCCTGCAGGTGGAAGCACTT
 CAGGCGCAGCTGGGAGAGCAGACAAAGCTTTCGAGAGAGCAAGTGAGGGGCTCATGGAGGACAGACGGA
 TCCGAGTCGAGGAGATCCAAGTTCAGCACCAGAGAAAACCAAGAGAAAATCAGGGAGCTGACCAAGAGTCT
 CCATCATACCCAAGAAGTCTCTACGAGAGCACCAAGGACTTTCTACAATAAAATTTGAAAACCAAAAT
 AAAGAGAAGGTATGGATGCTTGAGAAAGATCACCTGATGTCAAAGATTACGCAGTATAGAGCGCAGTGTA
 AGAAGAAAGAGGACAACTTGAAAAAGTTGTTCCCATTTTACACGAGAGTCATCATGCTCAAAATGAATA
 TATTAAGTCTCTTAAGGATAAGCTAATAACAAGAGAAAAGGCTGTCCAACATGTACCAAGAACAGTGCATT
 TCCCTAGAAGAGGAAGTGTCTCGAATTCGGGAGGAAGAAGGAGTGAGGAGAGAGATCTTCAAGGATCGTT
 CCAACAAGATGGCAAGCGCTTACAGATAATGACAAAGCGCTATCAGGCCTTGGAGCATCGACGAGCCCT
 AGAAGTAGAAGGCTTCAAGACGGACATTAAGTCTCTCCGACAGAAGCTGCGAGACCTGGAGCAAAATGCTC
 TACAAGGCAACCATGAACAACACCCATGGAGATCAGGACCTGGCCATGCTGTGTGAAGTCCGTGACAGCA
 ACAGGAGAGCTCATAAGATACAGGGGGAAGTGAAGAACCTCAAGTCTAAAGTGTTTGGGCTGGAGAATGC
 GCTTAGGCTGTGC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>MG207528 representing BC018387
 Red=Cloning site Green=Tags(s)

MNFTPTRTPICRKWKKMADSMESTPLPSVEDRLAVLCPSQELLEYYQKKMANCESENEDLLKKLELYREA
 CEEQHLEWNLQOREEEIAELQKALSDMQVCLFQEREHVLRLYSENDRLIRELEDKKKIQNLLALVGPD
 AGEVTFYHKEPPHKVSIQKTLQAAVACEPSASKADPGVSKRQVRIDKEGISERHQRDTEMLLQVEAL
 QAQLGEQTKLSREQVEGLMEDRRIRVEEIQVQHQRNQEIRELTKSLHHTQELLYESTKDFLQKLFENQN
 KEKVWMLEKDHLMSKITQYRAQCKKKEDKLGVVPILHESHHAQNEYIKSLKDKLIQEKRLSNMYEQCI
 SLEEEELARIREEEGVRRIFKDRSNKMGKRLQIMTKRYQALEHRRALEVEGFKTDIKSLRQKLRDLEQML
 YKATMNNTHGDQDLAMLCEVRDSNRRRAHKIQGELKNLKSQVFGLENALRLC

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: BC018387

ORF Size: 1413 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC018387](#), [AAH18387](#)

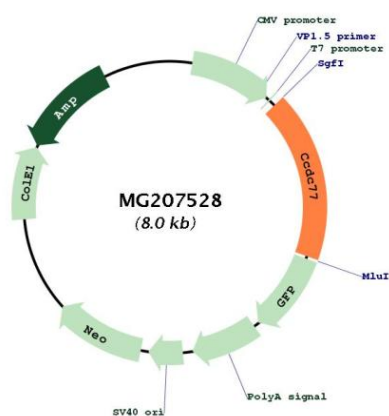
RefSeq Size: 1735 bp

RefSeq ORF: 1415 bp

Locus ID: 67200

Cytogenetics: 6 F1

Product images:



Circular map for MG207528