

Product datasheet for **MG219677**

Ccdc154 (NM_001079929) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccdc154 (NM_001079929) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ccdc154
Synonyms:	Ccdc157; Gm317
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MG219677 representing NM_001079929
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCAGAGCCAGCAGACGGCCCTCACTAAGGCTTTCACCTTACACCTGAGCACTGTACACTCGAGG
 ACCTGGAGCTGCTCTAACAGAAGGCCTAGTCAGTGCTGAGACCTCAGAGAGAGATGAGTGCAGTGGCCG
 GGCGTCCGGCTCCTTGGTCCCTGAACAGGACACCTCTAAGCTGTGAAACAGCTGGAGCAATGGGTAGT
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 AGTACAACAGGCAGCCTGGAGCCAGAGAAGGAGGAGCTAGAGTTATCTGGGCCCCAGAGCCAGAACCAG
 ATGCAAACCTGGATAAAAGGCTGGTGGAGTCCGGGAGGCTTTAACACACATCAGGAGGAAACAGGCTC
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 AAGGTGGACCTTGGGTTGGCCAAGATGCAGGCCAGATGACCAAACCTCAACGAGGAAATGAGCCTTCGCT
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 CTGCATGAGCTGACAGAGGAGCGCTTGGCGGCCTTGGCGGCACAGCGTGAGGAGGAGGAGGGTCACTGC
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 ACTGAATCGTGTCTGATGGCTGAGCAGAAGGCTCGGGAGGCCAAGGTGAGCTTGGAGGAGACCCAGGCC
 GGGGAGTTGGCTTCATATGTCCATGAGAATCTGGAGGCTGTGCAGATGGCTGGCAAGCTAGCCCAGCAGG
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 GATAGAAAGTATCTCAACAAGTGTGTCATTACAAAAAGTGAAGTGGATGTGAAGATCTCCGCTGAGGGC
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 TGAAGAGGAGAACCCCTGGACGGAAGATTGCTGAGATCCAGGGGAGCTGGCCACGTTTCAGAAGCAAT
 GATAAAGTTGGAGAACAGCCTTCAGGCCAACAAAACATCCAGAACCTGAAGTTTAAATGAGACCAAG
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 CACTGACCCTGGGCAGCAAGCGGTATTATGTCCCTGGTGGAGCAGCGTTCTTCATCAAGGACGTAGC
 CCTGGACCAATGGTCTCTGTGAACTCCTGGGGAGTGTACCAGGCTGTGAGGTGGCTTCGTTGGAAGAGA
 TTCTCTTGAAGTGGTGGCCAGAAAAGGCCCGGAGTGACCTCAGCGATGACCCAGTGGAAAGCCTGCAT
 ATGAGGTCACATCTGACTGTGTTCCAGAAA

ACGCGTACGCGGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence: >MG219677 representing NM_001079929
 Red=Cloning site Green=Tags(s)

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MSEPADGPSLRLSPSHLSTVTLEDLELLLTEGLVSAETSERDECSGRASGSLVPEQDTSKLVKQLEQWVA
ELQAEVVRLRGHKERCEHATLGLLRELLQVRARVQMASELRQLRQVVQQAAWSPEKEEELSGPQSQNQ
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LGLKLSQKQAAWEGMERESLKDVLVQWLKEVTAHLEEVQEKVNSLPQQIESISNKCVIHKSEVDVKISAEG
KAREFEVETVRQELAALLMSVQLLKEENPGRKIAEIQGQLATFQKQMIKLENSLQANKTIQNLKFNNETK
LRTEEIIATLRESMLRLWSEEGPWPLTLGSKRVFMSLVRQRFKIDVALDAMVSVNSWGVYQAVRWLRWKR
FLLNLVAQKRPVTSAMTQWKPAYEVTSLTVFQK
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TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001079929

ORF Size: 1992 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_001079929.2](#), [NP_001073398.2](#)

RefSeq Size: 2417 bp

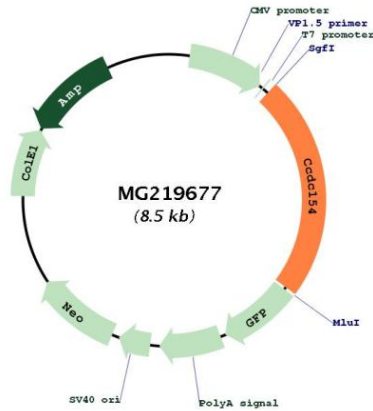
RefSeq ORF: 1995 bp

Locus ID: 207209

UniProt ID: [Q6RUT8](#)

Cytogenetics: 17 A3.3

Product images:



Circular map for MG219677