

Product datasheet for **MG205103**

Ccdc97 (NM_028771) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ccdc97 (NM_028771) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Ccdc97
Synonyms: 1200014H14Rik; 2810446P04Rik; AA545218; D7Ertd462e
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG205103 representing NM_028771
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGCGGTGGCAGCTGCAGAGGTGACGGAGAGGAAGCCGGATAATGACGGCGTGGAGCCAGAGTTG
TGCACTGGGGGAGCTGAGCCAGACTCCCATTCCATCTGGACCGCAGGAGAAGGAGACAGCAGAGAGGAC
ACCAGACATCCCCAACAGTGGCAGCTCCAGGCAGAGAGCCGGCTGTGAGTGCCATGTTGCATGCCATC
GCTGCCAGCCACCTGCCTGTGTGCAGCCAGCAGAGGGTGAGCCTGATCTGACAGAGCCTGAGAAGGTGG
CCATCCTGGGCCAGCTGTATCACAAGAAGCCGCTGGTGTCTTGGAGCGCTTCCGCACAGGCCTCCGGGA
AGAGCACCTGGCATGCTTCGGCCATCTGCGTGGAGACCACCGTGTGATTCTACTGTGCCGAGGTGGCC
CGCAAGGCACTGCCCGCCTCGAACCTGCGCACCCGCCTGCGTAACCGGCGTTATGCTGCCCTGCGTG
AGCTCATCCAAGGAGGCGAGTACTTTAGCGACGAGCAGATGCGGTTCCGTGCCCCACTATTGTATGAGCA
GTACATAGGACAATACCTCACCCAGGAAGAGCTCAATGCCCGCACAGCAGCCCGCAAGCCCCAGGTCC
GGCTCTCCTGGCAGCCTGCCTATCCACTCTCCGACCTGCTGTTTCAGTCTACCAGGAACGGGAGCTGC
AGCAAAAGCTGCTCCAGCAGCAGGAGGAGGAGGAGGCTGCTTTGAGGAGGAAGAGGACAGTGATGAGGA
AGACCAGAGGTTCGATAAAGACTCGGAAGCCTGGTGCCTGACTCGGAAGAGAGGCTGATCCTTCGCGAG
GAGTTCACCGCCGATGCACCAGCGATTCTGGACGGCAAAGATGGGGGCTTTGACTACAGCACGGTGG
ATGACAACCCTGACTTTGACAACCTGGACATTGTGCCCGTGATGAGGAGGACCGGTACTTTGATGAAGA
GGAGCCTGAGGATGTGTCTAGTGACAGAGCTGGGTGGGAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG205103 representing NM_028771
 Red=Cloning site Green=Tags(s)

MEAVAAAQVTERKPDNDGVEPRVHWGELSQTPIPSGPQEKETAERTPDIPNSGSSQAESPVAVSAMLHAI
 AASHLPVCSQQQGEPLDTEPEKVAIILGQLYHKKPLVFLERFRTGLREEHLACFGHLRGDHRADFYCAEVA
 RQGTARPRTLRLRLNRRYAALRELIQGGYFSDQMRFRAPLLYEYIGQYLTQEELNARTAAPQAPRS
 GSPGTPAYPLSDLLFQSYQERELQQKLLQQQEEEEACFEEDSDEEDQRSDDKSEAWVPDSEERLILRE
 EFTSRMHQRFLDGKGGFDYSTVDDNPDFDNLDIVARDEEDRYFDEEPEDEVSSAELGGD

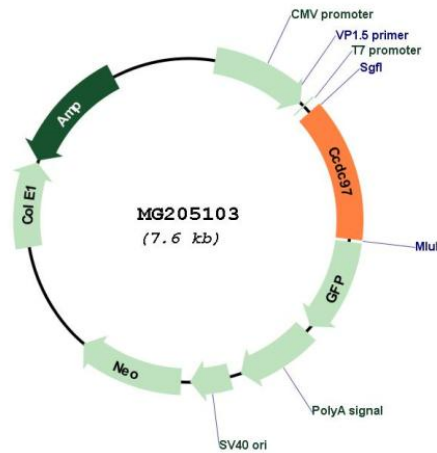
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_028771

ORF Size: 1020 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:	<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_028771.3
RefSeq Size:	2987 bp
RefSeq ORF:	1023 bp
Locus ID:	52132
UniProt ID:	Q9DBT3
Cytogenetics:	7 13.99 cM