

## Product datasheet for **RG237005**

### CCDC117 (NM\_001284263) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC117 (NM_001284263) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CCDC117
Synonyms:	dj366L4.1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG237005 representing NM_001284263. Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCTGCGCTCGGCCGGCCCTCAGCGGCTCCCTCTGAGCGGGGCTCGGACTTCTGCAGCCGCCG
CAGCCGGCCTTCCCGGCCGGCCCTTCCCGCGGGGGCTGACGGCGCGGAGTTGGCCCCGCGCCGGGA
CCTCGCGCAGTCCCTAGCAGTCCCCTGGGAGTGCGGCGCGGGACGTTGTCCAGTAAGAAAGAAAAGG
ATAACTGAAGCAGAGCTCTGTGCTGGTCTAATGACTGGATTCTTTGTGCACATCAGGATGTAGAGGGG
CATGGAGTAAATCCAGTGTAGTGGCCTTCCATACCTGGGATATTAGATGTTATTTGTGAAGAAATG
GATCAGACAACCTGGAGAACCACAGTGTGAAGTTGCCCGAAGGAAGCTTCAGGAGATTGAGGACAGGATA
ATTGATGAAGATGAAGAAGTTGAAGCTGACAGAAATGTTAACCATCTCCCAGTCTTGTCCCTTCTGAT
ACCATGAAAACAGGTTTGAAGAGGGAATTTGATGAAGTTTTTACAAGAAAATGATTGAGTCTATGAGC
CGTCCCTCCATGGAGCTTGTCTCTGGAACCCCTCCCTGAACTCCTTCTGATAAGCCAAAGCCATCC
TCTAATACTAAGAACTATACAGGAGAGACCAAGCTAAGCATGTAGTGTGCTGGCACTGCCTTCCCTCAG
AGAACTGAACTGTTTTCGGAACCTCGGCCAACAGGGATGTCTCTTTATAATAGTTTGGAGACAGTACT
AGCACAGAAGAAGAGATGGAATC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```



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**Protein Sequence:** >Peptide sequence encoded by RG237005  
 Blue=ORF Red=Cloning site Green=Tag(s)

MAALGRPFSGPLPLSGGSDFLQPPQAFPPGRAFPFGADGAELAPRPGPRAVPSSPAGSAARGRCPVKRR  
 ITEAELCAGPNDWILCAHQDVEGHVNPVSVGLSIPGILDVICEEMDQTTGEPQCEVARRKLEIEDRI  
 IDEDEEVEADRNVNHLPSLVLSDTMKTGLKREFDEVFTKKMIESMSRPSMELVLWKPLPELLSDKPKPS  
 SNTKNYTGESQAKHVAAGTAFPPQRTELFSEPRPTGMSLYNSLETATSTEEEMEL  
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV  
 MGYGFYHFGTYPSGYENPFLHAINNGGYTNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPE  
 SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA  
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001284263

**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).

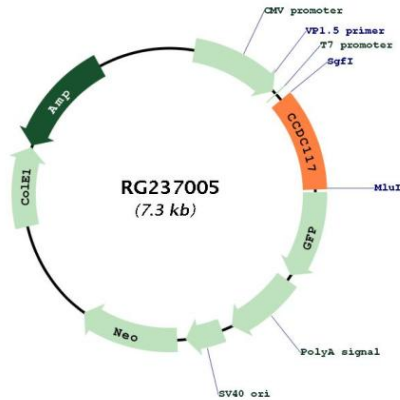
**RefSeq:** [NM\\_001284263.1](#), [NP\\_001271192.1](#)

**RefSeq Size:** 3937 bp

**RefSeq ORF:** 786 bp

Locus ID: 150275  
 UniProt ID: [Q8IWD4](#)  
 Cytogenetics: 22q12.1  
 MW: 28.8 kDa

**Product images:**



Circular map for RG237005