

Product datasheet for **RG236543**

CCDC117 (NM_001284264) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: CCDC117 (NM_001284264) 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: >RG236543 representing NM_001284264.
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCTGCGCTCGGCCGGCCCTTCAGCGGCCTCCCTCTGAGCGGCGGCTCGGACTTCCTGCACGCCGCCG
CAGCCGGCCTTCCCCGGCCGGGCCTTCCCGCCGGGGGCTGACGGCGCGGAGTTGGCCCCGGCCGGGA
CCTCGCGCAGTCCCTAGCAGTCCCGCTGGGAGTGCGGCGCGGGAGCTGTTTCTGTTCACTGTAAAAAG
AAACACAAGCGAGAGGAGGAGGAGGATGATGAGATAATTGATGAAGATGAAGAAGTTGAAGCTGACAGA
AATGTTAAACCATCTCCCAGTCTTGTCTTTCTGATACCATGAAAACAGGTTTGAAGAGGAATTTGAT
GAAGTTTTTACAAGAAAATGATTGAGTCTATGAGCCGCTTCCATGGAGCTTGTCTCTGGAAACCC
CTCCCTGAACCTTTCTGATAAGCCAAAGCCATCCTCTAATACTAAGAACTATACAGGAGAGAGCCAA
GCTAAGCATGTAGCTGCTGGCACTGCCTTCCCTCAGAGAACTGAACTGTTTTCGGAACCTCGGCCAACA
GGGATGTCTCTTTATAATAGTTTGGAGACAGCTACTAGCACAGAAGAAGATGGAACCT
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG236543
Blue=ORF Red=Cloning site Green=Tag(s)

```
MAALGRPFSGLPLSGGSDFLQPPQAFPGRAFPPGADGAELAPRPGPRAVPSSPAGSAARGRVSVHCKK
KHKREEEEDDEIIDEDEEVEADRNVNHLPSLVLSDTMKTGLKREFDEVFTKKMIESMSRPSMELVLWKP
LPELLSDKPKPSSNTKNYTGESQAKHVAAGTAFQRTLEFSEPRPTGMSLYNSLETATSTEEEMEL
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

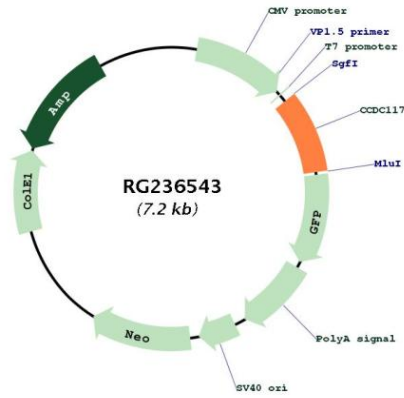
Restriction Sites: SgfI-MluI



Cloning Scheme:


- ACCN:** NM_001284264
- ORF Size:** 612 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_001284264.1](#), [NP_001271193.1](#)
- RefSeq Size:** 3766 bp
- RefSeq ORF:** 615 bp
- Locus ID:** 150275
- UniProt ID:** [Q8IWD4](#)
- Cytogenetics:** 22q12.1
- MW:** 22.7 kDa

Product images:



Circular map for RG236543