

Product datasheet for **RG236133**

CCDC90B (NM_001286118) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: CCDC90B (NM_001286118) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: CCDC90B
Synonyms: MDS011; MDS025
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG236133 representing NM_001286118.
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTGTAGTAACCGTCAGAATTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCATTGGTTCAGGACTTGAAACTCATGAAAATAACAGTACAACAGCTAATGGCTCATTTGGATGCT
ATCAGGAAAGACATGGTCATCCTAGAGAAAAGTGAATTTGCAAATCTGAGAGCAGAGAATGAGAAAAATG
AAAATTGAATTAGACCAAGTTAAGCAACAATAATGCATGAAACAGTCGAATCAGAGCAGATAATAAA
CTGGATATCAACTTAGAAAGGAGCAGAGTAACAGATATGTTTACAGATCAAGAAAAGCAACTTATGGAA
ACAACACAGAATTTACAAAAAGGATACTCAAACAAAAGTATTATTTACAGAGACCAGTAATAAAATT
GACGCTGAAATTGCTTCTTAAAAACACTGATGGAATCTAACAACTTGAGACAATTCGTTATCTTGCA
GCTTCGGTGTACTTGCTGGCAATAGCATTGGGATTTATAGATTCTGGAAG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG236133
Blue=ORF Red=Cloning site Green=Tag(s)

```
MHWFRWKLMEITVQQLMAHLDAIRKDMVILEKSEFANLRAENEKMKIELDQVKQLMHETSRIRADNK
LDINLERSRVDMFTDQEKQLMETTTTEFTKKDTQTKSIISETSNNKIDAEIASLKTLMESNKLETIRYLA
ASVFTCLAIALGFYRFWK
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPYSGYENPFLHAINNGGYNTRIEKYEDGGVLHVFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSSHMFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

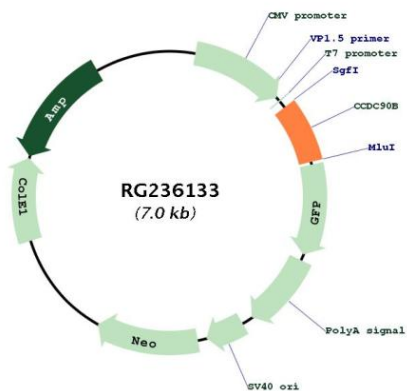
Restriction Sites: SgfI-MluI



Cloning Scheme:


- ACCN:** NM_001286118
- ORF Size:** 468 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_001286118.1](#), [NP_001273047.1](#)
- RefSeq Size:** 3914 bp
- RefSeq ORF:** 471 bp
- Locus ID:** 60492
- UniProt ID:** [Q9GZT6](#)
- Cytogenetics:** 11q14.1
- Protein Families:** Transmembrane
- MW:** 18.9 kDa

Product images:



Circular map for RG236133