

Product datasheet for **RG236101**

CCDC90B (NM_001286117) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: CCDC90B (NM_001286117) 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: >RG236101 representing NM_001286117.
 Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC CGCATCGCC
ATGGTCACTCAAGCTCAACAGGAAATAACAGTACAACAGCTAATGGCTCATTTGGATGCTATCAGGAAA
GACATGGTCATCCTAGAGAAAAGTGAATTTGCAAATCTGAGAGCAGAGAATGAGAAAATGAAAATTGAA
TTAGACCAAGTTAAGCAACAATAATGCATGAAACCGATCGAATCAGAGCAGATAATAAACTGGATATC
AACTTAGAAAAGGAGCAGAGTAACAGATATGTTTACAGATCAAGAAAAGCAACTTATGAAACAATA
GAATTTACAAAAAGGATACTCAAACAAAAGTATTATTTAGAGACCAGTAATAAAATTGACGCTGAA
ATTGCTTCCTTAAAAACTGATGGAATCTAACAACCTTGAGACAATTCGTTATCTGCAGCTTCGGTG
TTACTTGCCCTGCAATAGCATTGGGATTTATAGATTCTGGAAG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG236101
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MVTQAQQEITVQQLMAHLDAIRKDMVILEKSEFANLRAENEMKIELDQVKQLMHETSRIKADNKLDI
NLERSRVTDMFTDQEKQLMETTTEFTKDTQTKSIISETSNKIDAEIASLKLTMESNKLETIRYLAASV
FTCLAIALGFYRFWK
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPYSGYENPFLHAINNGGYNTRIEKYEDGGVLHVFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVD SHMHFKSAIHP SILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites: Sgfl-MluI



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Cloning Scheme:


ACCN: NM_001286117

ORF Size: 459 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_001286117.1](#), [NP_001273046.1](#)

RefSeq Size: 4338 bp

RefSeq ORF: 462 bp

Locus ID: 60492

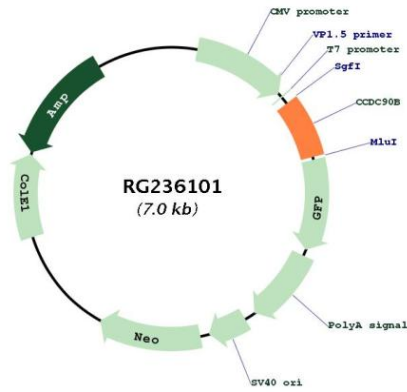
UniProt ID: [Q9GZT6](#)

Cytogenetics: 11q14.1

Protein Families: Transmembrane

MW: 18.3 kDa

Product images:



Circular map for RG236101