

Product datasheet for **RG235636**

CCDC103 (NM_001258399) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: CCDC103 (NM_001258399) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: CCDC103
Synonyms: CILD17; PR46b; SMH
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG235636 representing NM_001258399.
 Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAAGGAATGACATCATCAACTTCAAGGCTTTGGAGAAAGAGCTGCAGGCTGCACTCACTGCTGAT
GAGAAGTACAAACGGGAGAAATGCTGCCAAGTTACGGGCAGTGAACAGAGGGTGGCTTCTATGAGGAG
TTCAGGGGTATTGCTTGCATCACATCTGAAGCCACTGGAGCGGAAGGATAAGATGGGAGGAAAGAGA
ACTGTGCCCTGGAAGTGCACACTATTCAGGGAAGGACCTCCAGGATGTGGCCACTGAAATCTCCCCG
GTAGGAGAAAGCCCCCTCCAGCCCGAGACGTCTGC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG235636
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MERNDIINFKALEKELQAALTADEKYKRENAAKLRAVEQVRVASYEEFRGIVLASHLKPLERKDKMGGKR
TVPWNCHTIQGRTFQDVATEISPVGESPPPARDVC
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSTYENPFLHAINNGGYTNRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

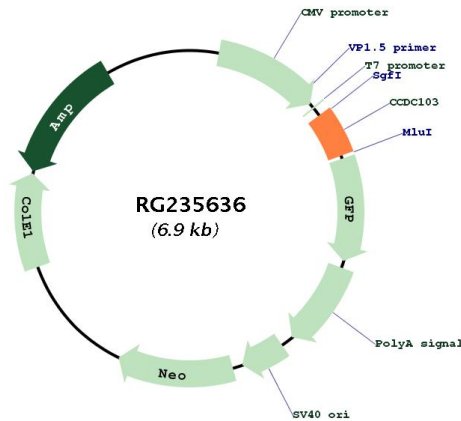
Restriction Sites: SgfI-MluI



Cloning Scheme:



Plasmid Map:



ACCN: NM_001258399

ORF Size: 312 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:	<u>NM_001258399.2</u>
RefSeq Size:	1770 bp
RefSeq ORF:	315 bp
Locus ID:	388389
Cytogenetics:	17q21.31
MW:	12.2 kDa
Gene Summary:	This gene encodes a protein that contains a coiled-coil domain. [provided by RefSeq, Apr 2012]