

Product datasheet for **RG233611**

CCDC74A (NM_001258305) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC74A (NM_001258305) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CCDC74A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG233611 representing NM_001258305 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGCGGTGCGGGGTGGCGGCTGGGACGCGGCCCCAGCTCGCCGACCCGGGCTCTCGGCGCCGGC
GCCAGCGCCCTCTGTGGGCGTCCAGTCCCTTGGGCGCAGAGCCCGAGCTCAGGCAGAGCGACCCGCA
GAAACGGAACCTGGACCTGGAGAAAAGCCTGCAGTTCTGCAGCAGCAGCACTCGGAGATGCTGGCCAAG
CTCCATGAGGAGATCGAGCATCTGAAGCGGGAAAACAAGGATCTCCATTACAAGCTCATAATGAATCAGA
CATCACAAGAAGAAGATGGCCCTCAGGAAACCACCTTCCAGGGCTCTGCTCCCTGGGCGCTCGCTG
GGTCTGCATCAACGGAGTGTGGGTAGAGCCGGGAGGACCCAGCCCTGCCAGGCTGAAGGAGGGCTCCTCA
CGGACACACAGGCCAGGAGGCAAGCGTGGGCGTCTTGGGGCGGTAGCGCCGACACTGTGCGCTCTCCTG
CAGACAGCCTCTCCATGTCAAGCTTCCAGTCTGTCAAGTCCATCTCTAATTAGGCAAGGCCAGGCCCA
GCCCGGCTCCTTCAACAAGCAAGATTCAAAGCTGACGTCTCCAGAAGGCGGACCTGGAAGAGGAGCCC
CTACTTCAACAAGCAAGCTGGACAAAGTCTGGGGTACAAGGGCAGGCCAGCTGCGGCACCTCAAGTC
CCTCTGGAAGGGAGCCAGAGGCCCCAGGCAGCCCGGAGGAAGCTAGCTTCCAGGGACCAAGAAGCC
ACGCATTTCCCAAGTCTCCACCAAGAGCCTCTCCAAGAAATGCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >RG233611 representing NM_001258305
 Red=Cloning site Green=Tags(s)

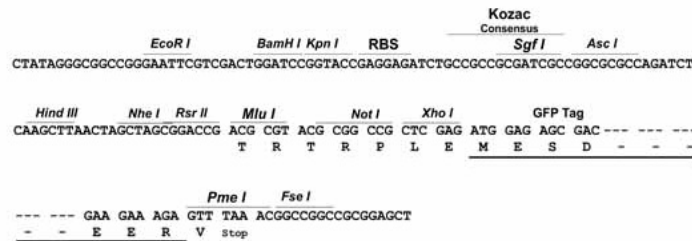
MSGAGVAAGTRPPSSPTPGSRRRRQRPSSVGVQSLRPQSPQLRQSDPQKRNLDEKSLQFLQQHSEMLAK
 LHEEIEHLKRENKDLHYKLI MNQTSQKKDGP SGNHLSRASAPLGARWVCINGVWVEPGGSPARLKEGSS
 RTHRPGGKRGRLAGGSADTVRSPADSLMS SFQSVKSI SMSGKARPQPGS FNKQDSKADVSQKADLEEEP
 LLHNSKLDKVPGVQGVQASCSTSSPSWKGARGPRQP RRKLAFFPGTKKPRI SPRSPPRASPRNA

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



ACCN: NM_001258305

ORF Size: 816 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).

- Reconstitution Method:**
1. Centrifuge at 5,000xg for 5min.
 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
 3. Close the tube and incubate for 10 minutes at room temperature.
 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001258305.2](#)

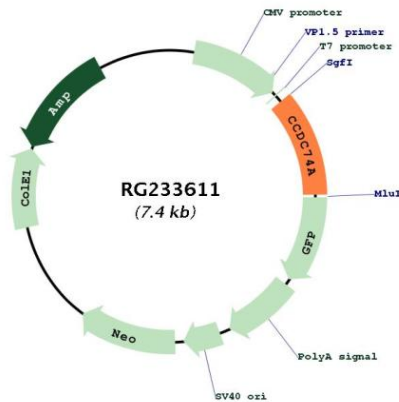
RefSeq Size: 1364 bp

RefSeq ORF: 819 bp

Locus ID: 90557

Cytogenetics: 2q21.1

Product images:



Circular map for RG233611