

## **Product datasheet for RG231800**

## C1D (NM 001190265) Human Tagged ORF Clone

**Product data:** 

**Product Type:** Expression Plasmids

**Product Name:** C1D (NM\_001190265) Human Tagged ORF Clone

Tag: TurboGFP

Symbol: C1D

**Synonyms:** hC1D; LRP1; Rrp47; SUN-CoR; SUNCOR

Mammalian Cell Neomycin

Selection:

**Vector:** pCMV6-AC-GFP (PS100010)

E. coli Selection: Ampicillin (100 ug/mL)

ORF Nucleotide >RG231800 representing NM\_001190265
Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGGCAGGTGAAGAATTAATGAAGACTATCCAGTAGAAATTCACGAGTATTTGTCAGCGTTTGAGAATT CCATTGGTGCTGTGGAGAGTGCTGAAGACCATGATGTCTGTTTCTAGAAATGAGTTGTTGCAGAAGTT GGATCCACTTGAACAAGCAAAAGTGGATTTGGTTTCTGCATACACATTAAATTCAATGTTTTGGGTTTAT TTGGCAACCCAAGGAGTTAATCCTAAGGAACATCCAGTAAAACAGGAATTGGAAAGAATCAGAGTATATA TGAACAGAGTCAAGGAAATAACAGACAAGAAAAAAGGCTGGCAAGCTGGACAGAGCTTCAAGATT TGTAAAAAAATGCCCTCTGGGAACCAAAAATCGAAAAATGCATCAAAAAGTTGCCAATAAAAGGAAAAAAGTAAA

AGT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG231800 representing NM\_001190265

Red=Cloning site Green=Tags(s)

MAGEEINEDYPVEIHEYLSAFENSIGAVDEMLKTMMSVSRNELLQKLDPLEQAKVDLVSAYTLNSMFWVY LATQGVNPKEHPVKQELERIRVYMNRVKEITDKKKAGKLDRGAASRFVKNALWEPKSKNASKVANKGKSK

S

TRTRPLE - GFP Tag - V

**Restriction Sites:** Sgfl-Mlul



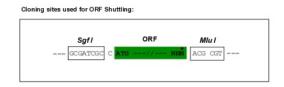
**OriGene Technologies, Inc.** 9620 Medical Center Drive, Ste 200

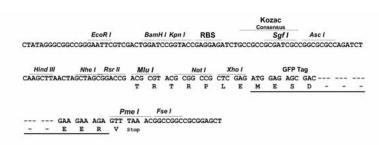
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com

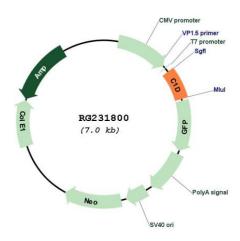


## **Cloning Scheme:**





## Plasmid Map:



**ACCN:** NM 001190265

ORF Size: 423 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 001190265.2

 RefSeq Size:
 1294 bp

 RefSeq ORF:
 426 bp

 Locus ID:
 10438

 UniProt ID:
 Q13901

 Cytogenetics:
 2p14

Protein Families: Druggable Genome
Protein Pathways: RNA degradation

**Gene Summary:** The protein encoded by this gene is a DNA binding and apoptosis-inducing protein and is

localized in the nucleus. It is also a Rac3-interacting protein which acts as a corepressor for the thyroid hormone receptor. This protein is thought to regulate TRAX/Translin complex formation. Alternate splicing results in multiple transcript variants that encode the same protein. Multiple pseudogenes of this gene are found on chromosome 10.[provided by

RefSeq, Jun 2010]