

Product datasheet for **RG203301**

C1D (NM_173177) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C1D (NM_173177) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: C1D
Synonyms: hC1D; LRP1; Rrp47; SUN-CoR; SUNCOR
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG203301 representing NM_173177
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCAGGTGAAGAAATTAATGAAGACTATCCAGTAGAAATTCACGAGTATTTGTCAGCGTTTGAGAATT
 CCATTGGTGCTGTGGATGAGATGCTGAAGACCATGATGTCTGTTCTAGAAATGAGTTGTTGCAGAAAGTT
 GGATCCACTTGAACAAGCAAAAGTGGATTTGGTTTCTGCATACACATTAATCAATGTTTTGGGTTTAT
 TTGGCAACCAAGGAGTTAATCCTAAGGAACATCCAGTAAACAGGAATTGGAAAGAATCAGAGTATATA
 TGAACAGAGTCAAGGAAATAACAGACAAGAAAAAGGCTGGCAAGCTGGACAGAGGTGCAGCTTCAAGATT
 TGTAAAAAATGCCCTCTGGGAACCAAAATCGAAAAATGCATCAAAAGTTGCCAATAAAGGAAAAAGTAA
 AGT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG203301 representing NM_173177
 Red=Cloning site Green=Tags(s)

MAGEEINEDYPVEIHEYLSAFENSIGAVDEMLKTMSVSRNELLQKLDPLEQAKVDLVSAAYTLNSMFWVY
 LATQGVNPKVKEHPVKELEIRVYMNVRKEITDKKKAGKLDRGAASRFVKNALWEPKSKNASKVANKGKSK
 S

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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Cloning Scheme:


ACCN: NM_173177

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_173177.3](#)

RefSeq Size: 1189 bp

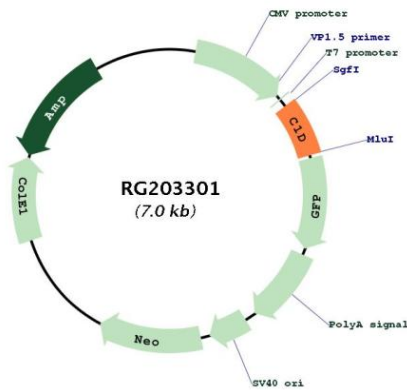
RefSeq ORF: 426 bp

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]

Product images:



Circular map for RG203301