

## Product datasheet for **RC231800**

### C1D (NM\_001190265) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** C1D (NM\_001190265) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** C1D  
**Synonyms:** hC1D; LRP1; Rrp47; SUN-CoR; SUNCOR  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >RC231800 ORF sequence  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCAGGTGAAGAAATTAATGAAGACTATCCAGTAGAAATTCACGAGTATTTGTCAGCGTTTGAGAATT  
CCATTGGTGTGTGGATGAGATGCTGAAGACCATGATGTCTGTTTCTAGAAATGAGTTGTTGCAGAAAGTT  
GGATCCACTTGAACAAGCAAAAGTGGATTTGGTTTCTGCATACACATTAATCAATGTTTTGGGTTTAT  
TTGGCAACCCAAGGAGTTAATCCTAAGGAACATCCAGTAAACAGGAATTGGAAAGAATCAGAGTATATA  
TGAACAGAGTCAAGGAAATAACAGACAAGAAAAAGGCTGGCAAGCTGGACAGAGGTGCAGCTTCAAGATT  
TGTAATAAATGCCCTCTGGGAACCAAAATCGAAAAATGCATCAAAAGTTGCCAATAAGGAAAAAGTAA  
AGT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC231800 protein sequence  
**Red=Cloning site Green=Tags(s)**  
  
MAGEEINEDYPVEIHEYLSAFENSIGAVDEMLKTMMSVSRNELLQKLDPLEQAKVDLVSAAYTLNSMFWVY  
LATQGVNPKHEHPVKQELERIRVYMNRVKEITDKKAGKLDRGAASRFVKNALWEPKSKNASKVANKGKSK  
S

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mk6428\\_a12.zip](https://cdn.origene.com/chromatograms/mk6428_a12.zip)



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Restriction Sites: SgfI-MluI

Cloning Scheme:



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

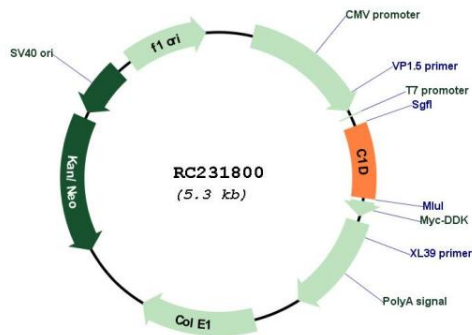
Protein Families: Druggable Genome

Protein Pathways: RNA degradation

MW: 16 kDa

**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 RC231800