

## Product datasheet for **SC116171**

### **C1D (NM\_006333) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	C1D (NM_006333) Human Untagged Clone
Tag:	Tag Free
Symbol:	C1D
Synonyms:	hC1D; LRP1; Rrp47; SUN-CoR; SUNCOR
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC116171 sequence for NM_006333 edited (data generated by NextGen Sequencing) ATGGCAGGTGAAGAAATTAATGAAGACTATCCAGTAGAAATTCACGAGTATTTGTCAGCG TTTGAGAATTCCATTGGTGCTGTGGATGAGATGCTGAAGACCATGATGTCTGTTTCTAGA AATGAGTTGTTGCAGAAGTTGGATCCACTTGAACAAGCAAAAAGTGGATTTGGTTTCTGCA TACACATTAATCAATGTTTTGGGTTTATTTGGCAACCAAGGAGTTAATCCTAAGGAA CATCCAGTAAACAGGAATTGGAAAGAATYAGAGTATATATGAACAGAGTCAAGGAAATA ACAGACAAGAAAAAGGCTGGCAAGCTGGACAGAGGTGCAGCTTCAAGATTTGTAATAAAT GCCCTCTGGGAACCAAAATCGAAAAATGCATCAAAAGTTGCCAATAAAGGAAAAAGTAA AGTTAA  Clone variation with respect to NM_006333.3 270 c=>y



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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_006333 unedited          CCCCCTCGCGATTTTGTAAATCCGATTTCACTATAGGGCGGCCGCGATTCCGGCACGAGGGA          GACTGGAGTCGAAGGCCGTGAGCCAGTGTTTTAGAAGGAGTATGTGGAAGGGCAAGGAGT          ACCTATAGAACCCCGGAGGAGGGTGAGGAGCAGAGCTGGTCAGCCATAATGGCAGGTGAA          GAAATTAATGAAGACTATCCAGTAGAAATTCACGAGTATTTGTCAGCGTTTGAGAATTCC          ATTGGTGTGTGGATGAGATGCTGAAGACCATGATGTCTGTTTCTAGAAATGAGTTGTTG          CAGAAGTTGGATCCACTTGAACAAGCAAAAGTGGATTTGGTTTCTGCATACACATTAAT          TCAATGTTTTGGGTTTTATTTGGCAACCCAAGGAGTTAATCCTAAGGAACATCCAGTAAAA          CAGGAATTGGAAGAATTAGAGTATATATGAACAGAGTCAAGGAAATAACAGACAAGAAA          AAGGCTGGCAAGCTGGACAGAGGTGACAGCTTCAAGATTTGTAATAAATGCCCCTCTGGGAA          CCAAAATCGAAAAATGCATCAAAAGTTGCCAATAAAGGAAAAAGTAAAAGTTAACTTTTT          GGTTTTGTGTACACATATTCAAAAAGTACATCTTCCCCCCCCCCCCCCCCCGCAA          ATAATTCTGTGGCAGGGCAAGGTTAAATGTGTTTCTTATTAATATGTAAATTCACAGTA          NATATGTAAGCTAAATACTTTCTCTCCAAAGATCATTATCTTTATTGATTACCACCTG          AGATTTTAAACATTGGGATATATTATATATTTATAATTTACCATCTTTGATGAGACTCTT          ATTTCTTTATTAAGTCCCGCCTTGCCAGTACCATTTTATAAGCAGCTGCGAAATTAAGNT          GAAATGCTCT</p>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_006333 unedited          CAAGCCACGCCTTCTAAAGTCGAGTTTTCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTCAG          TTATACAACATTTTAAGCCTTTATTGAAAGTACAGTCATCATGCCAAAATTCATCCATCA          ACATACAACCTTATTTCCCATCTAAAGTTAATGAAAATGTATTTTATTTTAAATGGGACA          TAGAGGCAACATGCCAAAATTAAGTTCAACCATAAAGTTTTAGTTTCACACTTTGAAT          ATCAACAAAGCAGTAATTCCTAAAATCATGAAAACATGATAAAGTATCTATACAGAAAAA          AATGAACATTTAAGTCATTTACGCTTTCTTAATATCATATAGGGAAAACAGATGTACCT          ATAATTTACCCCTACAAATAGCATACTTAATAAGGTCATTATTCATTTAAAATAGTACAA          ATGTTTACAAAAACATTTCACTTAAATTTACAGCTGCTTATAAAATGGTACTTGCAAG          ACTGACCTATTTAAAAAATAAAAGTCTCATCAAGAGATGGTAAATATAAATATATAAT          ATATACAATGTTAAAATCCTCAGGGCTAATCAATAAAGATAATGATCTTTGGAGAGGAA          AGTTTTACCTTTACATATTTACTGGGAATTTACATATTAATAAGAAACACATTTAAACC          TTGCCCTGCCACAGAATTTATTTGCGGGTAAAACGAATTTGGGGGGGAAAACCCACCATC          CACCTATCACCTCCTACCAACGTTCTCATTGTACTTCACTACATTATGTTCAACCCCC          CCTTCTACACATCACTCCCTTACCTACACCCCTTGCACTTCTTCTAATTTCTATCACC          TTTCTTACACACTTACCTTTTCATCCCACCCTTACATCTTTATTTATCACTCTACACC          ACTCCACTATCTCTCTATTTTCTATAACTGTTTTCACTAGACACTAAAACAATN</p>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_006333
<b>Insert Size:</b>	1300 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	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\\_006333.2](#), [NP\\_006324.1](#)

**RefSeq Size:** 1200 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]

Transcript Variant: This transcript represents variant (1). Variants 1, 2, 3 and 4 encode the same protein.