

## Product datasheet for RC202688

## C1D (NM\_006333) Human Tagged ORF Clone

### **Product data:**

#### OriGene Technologies, Inc.

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Product Type:	Expression Plasmids
Product Name:	C1D (NM_006333) 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:	<pre>&gt;RC202688 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)</pre>
	TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC
	ATGGCAGGTGAAGAAATTAATGAAGACTATCCAGTAGAAATTCACGAGTATTTGTCAGCGTTTGAGAATT CCATTGGTGCTGTGGATGAGATGCTGAAGACCATGATGTCTGTTTCTAGAAATGAGTTGTTGCAGAAGTT GGATCCACTTGAACAAGCAAAAGTGGATTTGGTTTCTGCATACACATTAAATTCAATGTTTTGGGTTTAT TTGGCAACCCAAGGAGTTAATCCTAAGGAACATCCAGTAAAACAGGAATTGGAAAGAATCAGAGTATATA TGAACAGAGTCAAGGAAATAACAGACAAGAAAAAGGCTGGCAAGCTGGACAGAGGTGCAGCTTCAAGATT TGTAAAAAATGCCCTCTGGGAACCAACAAAATCGAAAAATGCATCAAAAGTTGCCAATAAAGGAAAAAGCAAA AGT
	ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAG <b>GTTTAA</b>
Protein Sequence:	>RC202688 protein sequence <mark>Red=</mark> Cloning site Green=Tags(s)
	MAGEEINEDYPVEIHEYLSAFENSIGAVDEMLKTMMSVSRNELLQKLDPLEQAKVDLVSAYTLNSMFWVY LATQGVNPKEHPVKQELERIRVYMNRVKEITDKKKAGKLDRGAASRFVKNALWEPKSKNASKVANKGKSK S
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Chromatograms:	https://cdn.origene.com/chromatograms/mk6415_h11.zip



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# **ORIGENE** C1D (NM\_006333) Human Tagged ORF Clone – RC202688

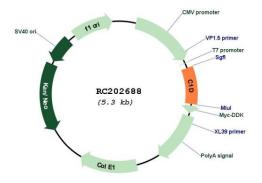
Early Pic       Early Pic       Pag Tag       Pag         ext cro cock ock ANT GAT ATC Cro out TAC AND GAT CAC CAC ANT AND GAT TAC       Pag Tag       Pag         * The bad coden before Art Core out TAC AND GAT CAC CAC CAC ANT AND GAT TAC       * The bad coden before the Disposed of the OAF         ACCCN:       NM_006333       ORF Size:       423 bp         OTI Disclaimer:       The molecular sequence of this clone aligns with the gate reference only. However, individual transcript sequer naturally occurring variations (e.g. polymorphisms), e clone is substantially in agreement with the reference variants is recommended prior to use. More info         OTI Annotation:       This clone was engineered to express the complete O varies depending on the nature of the gene.         Components:       The ORF clone is ion-exchange column purified and sit containing 10ug of transfection-ready, dried plasmid         Reconstitution Method:       1. Centrifuge at 5,000xg for 5min.         2. Carefully open the tube and add 100ul of sterile was 3. Close the tube and incubate for 10 minutes at room 4. Briefly vortex the tube and then do a quick spin (less at the bottom.         5. Store the suspended plasmid at -20°C. The DNA is shipping when stored at -20°C.         RefSeq Size:       1207 bp         RefSeq ORF:       426 bp	control to the store 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         tation:       The KORE does and include for the gene.         The KORE does and include for 100 minutes at room temperature.         A. Carefully open the tube and data 1000ul of sterile water to dissolve the DNA.         S. Clore the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.         S. 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.         NM_0063334         term:       2 Carefully open the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.         S. 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.         NM_0063334         zer       1207 bp         RF:       426 bp	Restriction Sites:	SgfI-Mlul
Long?       Number of the second control of the control	Image: Section of the section of th	Cloning Scheme:	Sgfi ORF Miul
Off CTG COA COA NAT CATE AND CHE AND CHE AND CHE THE AND CH	are crose over ANA TARE VATE Crose over that the D D D D X V TABLE Crose over ANA AND CROSECTORES         * The ANA AND D Y X AND D Y X AND D D D D X V TABLE         * The ANA AND D Y X AND D Y X AND D D D D X V TABLE         * 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         tation:       This 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).         ution 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.         NM 006333.4         zer:       1207 bp         RF:       426 bp		EcoRI       BamHI Kpn I       RBS       Sgf I         CTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGGGGAGGGCGCGGGACTCGCCC       RTG         ORF       Miu I       Not I       Xho I       Myc.Tag         ACG CGT ACG CGG CCG CTC CAG CAG AAA CTC ATC TCA GAA GAG
ACCN:NM_006333DRF Size:423 bpDTI Disclaimer:The molecular sequence of this clone aligns with the greference only. However, individual transcript sequer naturally occurring variations (e.g. polymorphisms), eclone is substantially in agreement with the reference variants is recommended prior to use. More infoDTI Annotation:This clone was engineered to express the complete Or varies depending on the nature of the gene.DTI Annotation:The ORF clone is ion-exchange column purified and sl containing 10ug of transfection-ready, dried plasmidComponents:1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile was 3. Close the tube and incubate for 10 minutes at room 4. Briefly vortex the tube and then do a quick spin (less at the bottom.5. Store the suspended plasmid at -20°C. The DNA is shipping when stored at -20°C.RefSeq Size:1207 bpRefSeq ORF:426 bp	NM_006333423 bpaimer: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 infotation:This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.tents: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).ution 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.MM 006333.4ze:1207 bpRF:426 bp		GAT CTG GCA GCA AAT GAT ATC CTG GAT TAC AAG GAT GAC GAC GAT AAG GTT TAA ACGGCCGGGCC
DRF Size:423 bpDTI Disclaimer:The molecular sequence of this clone aligns with the experience only. However, individual transcript sequere naturally occurring variations (e.g. polymorphisms), eclone is substantially in agreement with the reference variants is recommended prior to use. More infoDTI Annotation:This clone was engineered to express the complete O varies depending on the nature of the gene.DTOM ponents:The ORF clone is ion-exchange column purified and sic containing 10ug of transfection-ready, dried plasmidReconstitution Method:1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile wat 3. Close the tube and incubate for 10 minutes at room 4. Briefly vortex the tube and then do a quick spin (lest at the bottom.5. Store the suspended plasmid at -20°C. The DNA is eshipping when stored at -20°C.RefSeq Size:1207 bpRefSeq ORF:426 bp	423 bpaimer: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 variations is recommended prior to use. More infotation:This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.tents: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).tution 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.MM 006333.4ter:1207 bpRF:426 bp		* The last codon before the Stop codon of the ORF
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reference only. However, individual transcript sequen naturally occurring variations (e.g. polymorphisms), e clone is substantially in agreement with the reference variants is recommended prior to use. <u>More info</u> <b>DTI Annotation:</b> This clone was engineered to express the complete O varies depending on the nature of the gene. <b>The ORF clone is ion-exchange column purified and sl</b> containing 10ug of transfection-ready, dried plasmid <b>teconstitution Method:</b> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile wa 3. Close the tube and incubate for 10 minutes at room 4. Briefly vortex the tube and then do a quick spin (les at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is s shipping when stored at -20°C. <b>MM 006333.4</b> <b>tefSeq Size:</b> 1207 bp	<ul> <li>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</li> <li>tation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.</li> <li>ents: 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).</li> <li>ution Method: 1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> <li>NM 006333.4</li> <li>ze: 1207 bp</li> <li>RF: 426 bp</li> </ul>	RF Size:	423 bp
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RefSeq Size:1207 bpRefSeq ORF:426 bp	ze:       1207 bp         RF:       426 bp	teconstitution Method:	<ol> <li>Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>Close the tube and incubate for 10 minutes at room temperature.</li> <li>Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of</li> </ol>
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		efSeq Size:	1207 bp
	10438	efSeq ORF:	426 bp
ocus ID: 10438		ocus ID:	10438

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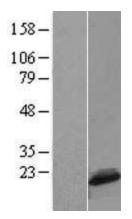
C1D (NM_006333) Human Tagged ORF Clone – RC202688		
UniProt ID:	<u>Q13901</u>	
Cytogenetics:	2p14	
Protein Families:	Druggable Genome	
Protein Pathways:	RNA degradation	
MW:	16 kDa	
Gene Summary:	The protein encoded by this gene is a DNA binding and apoptosis-inducing protein and is localized in the 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:**

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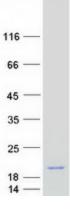


Circular map for RC202688



Western blot validation of overexpression lysate (Cat# [LY416720]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC202688 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).

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Coomassie blue staining of purified C1D protein (Cat# [TP302688]). The protein was produced from HEK293T cells transfected with C1D cDNA clone (Cat# RC202688) using MegaTran 2.0 (Cat# [TT210002]).

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