

## Product datasheet for **SC111445**

### CDADC1 (NM\_030911) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CDADC1 (NM_030911) Human Untagged Clone
Tag:	Tag Free
Symbol:	CDADC1
Synonyms:	bA103J18.1; NYD-SP15
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_030911, the custom clone sequence may differ by one or more nucleotides

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ATGAAAGAAGCTGGGCAGATGCAAAATCTGGAGAGCGCGAGGGCCGGCGGTGAGTCAGCACCCAGACTG
GCAGCATGACCGGTGAGATACCAAGGCTTTCTAAAGTCAACCTTTTCACTCTGCTCAGCCTCTGGATGGA
GCTCTTTCCAGCAGAAGCCAGCGGCAAAAATCTCAGAAAAATGAAGAGGAAAGCATGGACCCCTTAGGA
GATAATGAAGAGAGGACCAGAGTATCTACTGACAAAAGACAGGTAAGAGAACTGGTCTTGTGGTGGTGA
AAAACATGAAAATTGTTGGTCTCCACTGTTCTAGTGAAGATTTACATGCCGGGCAGATTGCTCTTATTAA
ACATGGGTCAAGGCTGAAAACTGTGATCTTTATTTTTCCAGAAAACCATGTTCTGCTTGTTTGAAAATG
ATTGTAATGCTGGAGTTAACCGAATTTCACTAGGCCTGCTGATCCAGAAAATAAGTTTGCTTACGGAGG
CTTCTAGTTCTGAAGATGCAAAGTTAGATGCCAAAGCAGTGAAAAGATTGAAGTCAAACAGTCGGGCCCA
TGTGTGTGCTTACTTCAACCTTTGGTGTGTTATATGGTGCAGTTTGTAGAGGAGACCTTTACAAATGT
GACTTTATTCAAAAAATTACAAAAACATTGCCGGATGCTAACACTGACTTTTATTATGAATGTAACAAG
AAAGAATAAAAGAATATGAAATGTTATTTTTGGTTTTCAAATGAAGAAATGCATAAGCAAACTACTGATGAC
TATAGGTTTGGAGAACCTGTGTGAAAATCCATACTTTAGCAATCTAAGGCAAAACATGAAAGACCTTATC
CTACTTTTGGCCACAGTAGCTTCCAGTGTGCCGAACCTTTAAACACTTCGGATTTTACCGTAGCAATCCAG
AACAGATTAATGAAATTCACAATCAAAGTTTGCCACAGGAAATGCAAGGCACTGCATGGTTCAGGCCAG
GTTATTGGCATAATCGAAGTGAAGGATCATAAAACAGGAGTTGGGGCAGTCAATTTGGGCAGAAGGAAATCT
AGAAGTTGTGATGGAACAGGTGCCATGTACTTTGTAGGATGTGGTTACAATGCTTTTCTGTTGGATCTG
AGTATGCTGACTTCCACACATGGATGACAAGCAGAAAGACAGAGAAAATAAGGAAATTGAGATACATCAT
ACATGCCGAACAGAATGCCTTGACATTTAGGTGTCAAGAAAATAAAACCAGAAGAAAAGCATGATTTTTT
GTGACAAAAGTCCCATGTGATGAGTGTACCTTTAATTAAGGTGCAGGCATAAAAACAAACTATGTCAG
GAGATGTAGATGTTGAAAAAAGAAGGCAGACATCTTTACATGAGGTTTGGGGAGCTTGAAGGTGTAG
CAAATTTACGTGGCAGCTGAATCCATCAGGAGCTTATGGTCTTGAACAAAATGAGCCTGAAAGGAGAGAA
AATGGTGTGTTGAGACCTGTCCACAGAAGGAAGAGCAGCACCAGGACAAGAAGCTGCGCCTCGAATCC
ACTAA
    
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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_030911 unedited

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TTCCAGATTTGTCTACGATTCATATAGGCGGCCCGCAATCGGCACGAGGTGCCTTACAG
TTGCTGAGAGAGGCGAGAGGCGGGGGCGCTAGGGCCGAGACATGTCTGACTGGGAGAGGT
TTCCTTGGCAGCAGAGGACGCTAGGTTTGGGATGAAAGAAGCTGGGCAGATGCAAAATCT
GGAGAGCGCGAGGGCCGGGCGGTGAGTCAGCACCCAGACTGGCAGCATGACCGGTGAGAT
ACCAAGGCTTTCTAAAGTCAACCTTTTCACTCTGCTCAGCCTCTGGATGGAGCTCTTTCC
AGCAGAAGCCCAGCGGCAAAAATCTCAGAAAAATGAAGAGGAAAGCATGGACCCCTTAGG
AGATAATGAAGAGAGGACCAGAGTATCTACTGACAAAAGACAGGTAAGAGAACTGGTCT
TGTGGTGGTGA AAAACATGAAAATTGTTGGTCTCCACTGTTCTAGTGAAGATTTACATGC
CGGCAGATTGCTCTTATTAACATGGGTCAAGGCTGAAAACTGTGATCTTTATTTTTTC
CAGAGAACCATGTTCTGCTTGTGTTGAAAATGATTGTAATGCTGGAGTTAACGAATTTT
ATACTGGCCTGCTGATCCAGACATAAGTTTGTACGGAGGCTTCTAGTTCTGAAGATGC
AAAGTTAGATGCCAAAGCAGTGGAAGATTGAAGTCAAACAGTCGGGCCCATGTGTGTGT
CTTACTTCAACCTTTGGTGTGTTATATGGTGCAGCTTGTAGAGGAGACCTTTTACAATGT
GACTTTATTCAAAAAATTACCAACATTGCCCGATGCTAACACTGACTTTTATTATGATG
TTACCCAGGAAGAATAAAAGAATTTAAATGTTTTTTTTTGTTCATGAAGAAGGCTTA
GCCAATCCTGTGACTATCGTTTTGACACCTGGTAAA
    
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<b>3' Read Nucleotide Sequence:</b>	>OriGene 3' read for NM_030911 unedited GACCGCGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT ACCATCAATGATTATTTATTGAAATCTGACCAGTTGTACAAAAAAAAAAAAATGGCATTAT CATGCCTCTCTTAATAGTACTGGGAAATGCCTATTTTCCCTTTCTAATCACAGTTTTT CCCCTGTATGCTTCTCCTCTGATATCCCATCCCAACCCCAACAGGCAAATCCACAG ACCTGGCAATATGCCAGGATTTGGGTCTTACAAAATATTTACTGATTGATTTATAAAAT GTTTGGGTACATGACATGTTAGTTAAAAACAACAAATCCAAGAGCTGAAGCATGAGAGT TAATACAATAAAGCAATTTGGGAGGTAAGCAATCTCAGGGTTTTTATACTGATAATAATA TCTTAATTCACGGTTTTCAAACAGCCTTAGTTACCTCTAAGTGTACATCACCTCCTCTC CTGTCCTATCCCATGCCCTCCATCTGTGTAGTGTATGGCAGTCTTGGCTGCCTTGTA TGATGACTCTGAACTCCCATGGTCTACACAGGCTGCAGTCACAGCCCTGGCATGGAGC CAATGTTTGGATGGTCGTGCGTGAATTCTGAGAACTGGTAGGAAGCCAGTGAGGCCG TGTGATGTGGCGAAAGGCAGGGAACAAAAGCAGAGGCAAACCTGACCACCGCAGATCCA GAAAGACATTTCTCATGAAGCACCCAGCCACCCTCTCTAAACCTAGAGAGACAGAAA AGTACCTTCATTTTGGAAATTTTCTGAAGTCTCAGCAAATAAAATGTGAGAATCAC AGACAGCATCTGGAATACCTGAAAGACCACTTCAAACCTCAGTATTATTCTGAGGGTG CAATGTTTTAAAGCTTTCCTTTGAGATCAAGCATGAA
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_030911
<b>Insert Size:</b>	3180 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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>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> </ol>
<b>RefSeq:</b>	<a href="#">NM_030911.1</a> , <a href="#">NP_112173.1</a>
<b>RefSeq Size:</b>	3364 bp
<b>RefSeq ORF:</b>	1545 bp
<b>Locus ID:</b>	81602
<b>UniProt ID:</b>	<a href="#">Q9BWV3</a>
<b>Cytogenetics:</b>	13q14.2
<b>Domains:</b>	dCMP_cyt_deam

**Gene Summary:**

May play an important role in testicular development and spermatogenesis.  
[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) encodes the longer isoform (1).