

## Product datasheet for **SC111528**

### APCDD1 (NM\_153000) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	APCDD1 (NM_153000) Human Untagged Clone
Tag:	Tag Free
Symbol:	APCDD1
Synonyms:	B7323; DRAPC1; FP7019; HHS; HTS; HYPT1
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL4</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene ORF within SC111528 sequence for NM\_153000 edited (data generated by NextGen Sequencing)

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ATGTCCTGGCCGCGCCGCTCCTGCTCAGATACCTGTTCCCGGCCCTCCTGCTTCACGGG
CTGGGAGAGGGTTCTGCCTCCTTCATCCAGACAGCAGGTCTCATCTAGGTCCTTAGAG
AAAAGTGCCTGGAGGGCTTTTAAGGAGTCACAGTGCCATCACATGCTCAAACATCTCCAC
AATGGTGAAGGATCACAGTGCAGATGCCACCTACAATCGAGGGCCACTGGGTCTCCACA
GGCTGTGAAGTAAGGTCAGGCCAGAGTTTCATCACAAGGTCCTACAGATTCTACCAAT
AACACCTTCAAGGCCTACCAATTTTATTATGGCAGCAACCGGTGCACAAATCCCCTTAT
ACTTCTCATCATCCGGGGCAAGATCCGCCTCCGCCAGGCCTCCTGGATCATCCGAGGGGGC
ACGGAAGCCGACTACCAGCTGCACAACGTCCAGGTGATCTGCCACACAGAGGCGGTGGCC
GAGAAGCTCGGCCAGCAGGTGAACCGCACATGCCCGGGTTCTCGCAGACGGGGTCCC
TGGGTGCAGGACGTGGCCTATGACCTCTGGCGAGAGGAGAACGGCTGTGAGTGCACCAAG
GCCGTGAACCTTGGCATGCATGAACTTCAGCTCATCCGGTGGAGAAGCAGTACCTTCAC
CACAACTCGACCACCTGGTCGAGGAGCTTTCCTTGGTACATTCACTGATGCCACC
CAGAGGATGTTTACCGGCCCTCAGTTACCAGCCCCCTGCGAGAATGCCAAGAACCAC
GACCATGCCTGCATCGCCTGTGGATCATCTATCGGTGACGACGACACCCTCCCATC
CTGCCCCCAAAGGCAGACCTGACCATCGCCTGCACGGGGAGTGGGTGAGCCAGCGCTGT
GAGGTGCGCCCCGAAGTCTTCTCCTCACCGCCACTTCATCTTCCATGACAACAACAAC
ACCTGGGAGGGCCACTACTACCTACTCAGACCCGGTGTGCAAGCACCCACCTTCTCC
ATCTACGCCCCGGGCGCTACAGCCGCGCGTCTCTCGTCCAGGGTCATGGGAGGCACC
GAGTTCGTGTTCAAAGTGAATCACATGAAGGTACCCCATGGATGCGGCCACAGCCTCA
CTGCTCAACGTCTTCAACGGGAATGAGTCCGGGGCCGAGGGCTCCTGGCAGGTGGGCATC
CAGCAGGATGTGACCCACACCAATGGCTCGGTGGCCCTGGGCATCAAACACTACCTCACAG
GAGTACGAGATTTCAAATGGAACAGGATGCCCGGGGGCGCTATCTGCTTTAACGGT
CAGAGGCCAGCGACGGGTCCAGCCAGACAGGCCAGAGAAGAGAGCCACGTCTACCAG
ATGCCCTTGGTCCAGTGTGCCTCCTTTCGCGAGGGCAGAGGACCTCGCAGAAGACAGT
GGAAGCAGCCTGTATGGCCGGGCCCTGGGAGGCACACCTGGTCCCTGCTGCTGGCTGCA
CTTGCTGCCTTGTCCCTCTGCTGCATTGGAACATCCGCAGATAG
    
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Clone variation with respect to NM\_153000.4

**5' Read Nucleotide Sequence:**

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>OriGene 5' read for NM_153000 unedited
CGGTCAGGAATTTGTATACGACTCACTATAGGCGGCCGGAATTCGCACCAGGCAGAGCG
CGCGCCAGTTGCCCCGGGCACCAATCGGAGCGCGCGTGCGGGAGGGCCAGAGCAGGA
CTGGAAATGTCTGGCCGCGCCCTCTGCTCAGATACCTGTTCCCGGCCCTCTGCTT
CACGGGCTGGGAGAGGGTTCTGCCCTCCTTCATCCAGACAGCAGGTCTCATCCTAGGTCC
TTAGAGAAAAGTGCCTGGAGGGCTTTTAAGGAGTCACAGTGCCATCACATGCTCAAACAT
CTCCACAATGGTCAAGGATCACAGTGCAGATGCCACCTACAATCGAGGGCCACTGGGTCT
TCCACAGGCTGTGAAGTAAGGTCAGGCCAGAGTTTCATCACAAGGTCCTACAGATTCTAC
CACAAACACCTTCAAGGCCTACCAATTTTATTATGGCAGCAACCGGTGCACAAATCCC
ACTTATACTCTCATCATCCGGGGCAAGATCCGCCTCCGCCAGGCCTCCTGGATCATCCGA
GGGGGCACGGAAGCCGACTACCAGCTGCACAACGTCCAGGTGATCTGCCACACAGAGGCG
GTGGCCGAGAAGCTCGGCCAGCAGGTGAACCGCACATGCCCGGGTTCTCGCAGACGGN
GGTCCCTGGGTGCAGGACGTGGCCTATGACCTCTGGCGAGAGGAGAACGGCTGTGAGTGC
ACCAAGGCCGTGAACTNTGCCATGCATGAACTTCACTCATCCGGGTGGAGAAGCAGTAC
CTTCACCAACAACCTCGACCACCTGGNTCGAGAGCTCTTNTTGGTGACATTACACTGAT
GCCACCCAGNAGATGTTCTACCGGCCCTTCCAGTACCAGCCCCTCTGCAGATGCCAGAA
CACGACCATGCTGCATCGCTGTGGATCATCTATCGTCAGACGACACCCCTCCATNCT
GCCCAANNGCAGACT
    
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<b>3' Read Nucleotide Sequence:</b>	>OriGene 3' read for NM_153000 unedited TCGTTACCCAACCTTAGGTCTAGTTTTTTTTTTCTTTTTTTTGAATTACCACCTTATTATT CATTACAGGTAAGTCTCCACTTCCCACATTTTGTGATTTGAAAAGCATTGCGATACTCCC TCCTTATTCAGTCTATCCGCTCGTGCCACATGAGGCTAGTCCAAACCGTGCAGGTTGTTG AATTCCACATATACCCTGTAACCTTACAAAATAATTTTTGTTGGCGAGGCACAGTCCCAA ACCAACTCTGCATTGGATTCCAGCATATAAACTCAGAGAGTAAACAATTTCAAAGGAA GACAGGCTGCAACCACAGGAAAATGGCAGGAAAAGTTGTAGCTTGATAGTTGTTTTCTTCT AAGTTTAACTCAGAAAATAATAATAATTAAGAGAAAAAATAAGAGGCCCTAGCTTTCA TCCTGCTACCAAACACGCTCGTCCAGAACTCTAGGCTGTCTTAAAGTCAATTACTGTT GTGAAGTTGCTCAGGCCAGGGATCAGGCTGGACGGAGTTCAAAGCAGAACTTCAAACAC TCCTTGCTGTTTCATGACTCANGGCTGGGAGGGAGGAGAGAAAAAGAANGACAGTT CTCTGGCATTGAGTGCATCAAAGATAAATGTCTTTTCTTTTGTAAAGCAAATCTGTCAA TAGTAAGGAATCCCTGTTTGGAAAAATNAACCTTCTAAAACCTTCTATCTGCGGATGTTCA ATGCACCAGAGGGACAAGGCAGGCAAGTGCAGCCAGCAGCATGGACCAGGTGTGCCTCCC AGGGCCCCGGCATACAGGCTGGTTCCTTGTGTTTTCGGGAAGCCTTTGCCTCGGCAAAGGAG CCCTGGACAAGGCATTTGGTAGACCGGTTTTTTTTTTGGCTGTTGGCTGACCCCTCTGG CCTTTACCTTAAAAAAAAGCCCGGCCCTCCGTCCTTTGAAATACCACCCCGGGAGGAT TTGTCCCCGCC
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_153000
<b>Insert Size:</b>	2500 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_153000.3</a> , <a href="#">NP_694545.1</a>
<b>RefSeq Size:</b>	2572 bp
<b>RefSeq ORF:</b>	1545 bp
<b>Locus ID:</b>	147495
<b>UniProt ID:</b>	<a href="#">Q8J025</a>
<b>Cytogenetics:</b>	18p11.22
<b>Protein Families:</b>	Transmembrane

**Gene Summary:**

This locus encodes an inhibitor of the Wnt signaling pathway. Mutations at this locus have been associated with hereditary hypotrichosis simplex. Increased expression of this gene may also be associated with colorectal carcinogenesis.[provided by RefSeq, Sep 2010]