

**Specifications:**

Gene:	<i>mApccd1</i>
Accession:	NP_573500
Insert size:	1558bp
Concentration:	10µg at 0.2µg/µL

**Description**

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

**Preparation and Storage**

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

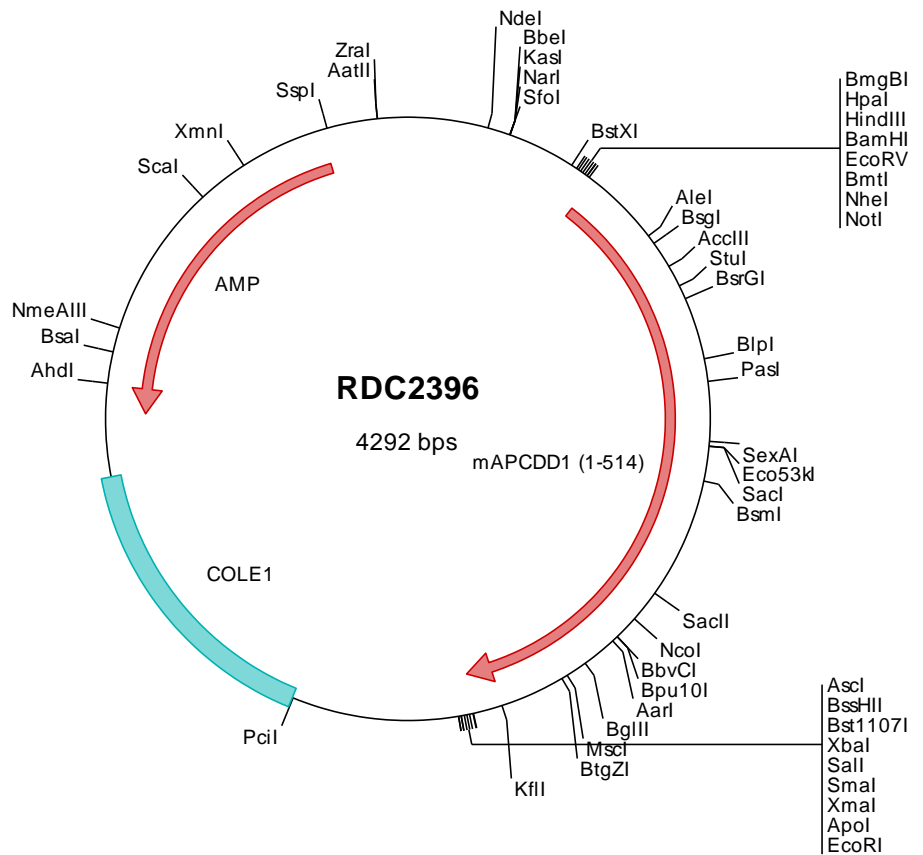
**mAPCDD1 cDNA  
Plasmid**

**Apccd1 adenomatosis polyposis coli down-regulated 1 [ *Mus musculus* (house mouse) ]**

**Also known as:** Drapc1; EIG180; AB023957; AU041258

**Summary:**

APCDD1 is an inhibitor of the Wnt signaling pathway. Mutations in APCDD1 have been associated with hereditary hypotrichosis simplex. Increased expression of APCDD1 may also be associated with colorectal carcinogenesis.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

**> RDC2396 Plasmid DNA Sequence**

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1 tcgctgcttt cggatgatgac ggtgaaaacc totgacacat gcagctcccc gagacgggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcaggggcgcg tcagcgggtg ttggcgggtg tcggggctgg ctttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201 ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcg attgccatt caggctcgcg aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
301 tacgccagct ggcgaaaagg ggatgtgctg caagycgatt aagttgggta acgcccagggt ttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
401 ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgcacc atgtccgtg tgccgcgct tctgcttga tacctgtcc cagccctct
501 gtgtcatggg ctgggagagg gctctgcct ccttcatcca gacagcagat gcaccctcg gtctcttagag aaaagcgcct ggagggtctt caaggagtoa
601 cagtgtcatc acatgctgaa gcatctccac aocggtgocg ggatcacagt gcagatgccc ccgaccatcg agggccactg ggtgtccaca ggtgtgaa
701 taaggtcggg tccggagtcc atgacaaggc cttacaggtt ctacaacaat aataccctca aggcctacca gttttactat ggcagcaacc gctgtacaaa
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**> RDC2396 Translated Insert Sequence**

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201 avnfamhelq lirvekqyph hslhdlveel flgdihtdat qrvfyrpssy qpplqnaknh nhaciacrii frsdehhppi lppkadltig lhgewvsgrc
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401 qgdvthtngc valgiklphr eyeifkmeqd trgryllfng qrpdsqsspd rpekratsyq mplvqcass praeellds qghlygraag rtagslllpa
501 fvlwlplhw rilr

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