

Product datasheet for **RG208639**

APCDD1 (NM_153000) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	APCDD1 (NM_153000) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	APCDD1
Synonyms:	B7323; DRAPC1; FP7019; HHS; HTS; HYPT1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG208639 representing NM_153000
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCCTGGCCGCGCCCTCTGCTCAGATACCTGTTCCCGGCCCTCTGCTTACGGGCTGGGAGAGG
 GTTCTGCCTCCTTCATCCAGACAGCAGGTCTCATCCTAGGTCCTTAGAGAAAAGTGCCTGGAGGGCTTT
 TAAGGAGTCACAGTGCCATCACATGCTCAAACATCTCCACAATGGTGCAAGGATCACAGTGCAGATGCCA
 CCTACAATCGAGGGCCACTGGGTCTCCACAGGCTGTGAAGTAAGGTACAGGCCAGAGTTCATCACAAAGT
 CCTACAGATTCTACCACAATAACACCTTCAAGGCCTACCAATTTTATTATGGCAGCAACCGGTGCACAAA
 TCCCACTTATACTCTCATATCCGGGGCAAGATCCGCCTCCGCCAGGCCTCTGGATCATCCGAGGGGGC
 ACGGAAGCCGACTACCAGCTGCACAACGTCCAGGTGATCTGCCACACAGAGGGCGGTGGCCGAGAAGCTCG
 GCCAGCAGGTGAACCGCACATGCCCGGGCTTCTCGCAGACGGGGTCCCTGGGTGCAGGACGTGGCCTA
 TGACCTCTGGCGAGAGGAGAACGGCTGTGAGTGCACCAAGGCCGTGAACCTTGGCATGCATGAATTCAG
 CTATCCGGGTGGAGAAGCAGTACCTTACCACAACCTCGACCACCTGGTCGAGGAGCTCTTCTTGGTG
 ACATTCACACTGATGCCACCCAGAGGATGTTCTACCGGCCCTCCAGTTACCAGCCCCCTCTGCAGATGC
 CAAGAACCACGACCATGCCTGCATCGCCTGTGGATCATCTATCGGTGAGACGAGCACCACCTCCCATC
 CTGCCCCAAAGGCAGACCTGACCATCGGCCTGCACGGGGAGTGGGTGAGCCAGCGCTGTGAGGTGGCC
 CCGAAGTCTCTTCTCACCCGCCACTTCTCCATGACAACAACAACACCTGGGAGGGCCACTACTA
 CCACTACTCAGACCCGGTGTGAAGCACCCACCTTCTCCATCTACGCCGGGGCCGCTACAGCCGCGGC
 GTCCTCTCGTCCAGGGTCATGGGAGCCAGGATTCGTGTTCAAAGTGAATCACATGAAGGTCAACCCCA
 TGGATGCGGGCACAGCCTCACTGCTCAAGTCTTCAACGGGAATGAGTGGGGGGCCGAGGGCTCCTGGCA
 GGTGGGCATCCAGCAGGATGTGACCCACACCAATGGCTGCGTGGCCCTGGGCATCAAACCTACCTCACAG
 GAGTACGAGATCTTCAAATGGAACAGGATGCCCGGGGGCGCTATCTGCTGTTCAACGGTCAGAGGCCCA
 GCGACGGTCCAGCCAGACAGGCCAGAGAAGAGGCCACGTCTACCAGATGCCCTTGGTCCAGTGTGC
 CTCCTCTCGCCGAGGGCAGAGGACCTCGCAGAAGACAGTGAAGCAGCCTGTATGGCCGGGCCCTGGG
 AGGCACACCTGGTCCCTGCTGCTGGCTGCCTGCTGCTTGTCCCTCTGCTGCATTGGAACATCCGCA
 GA

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG208639 representing NM_153000
 Red=Cloning site Green=Tags(s)

MSWPRRLLLRFLPALLLHGLGEGSALLHPDSRSHPRSLEKSAWRAFKESQCHHMLKHLHNGARITVQMP
 PTIEGHWVSTGCEVRSGPEFITRSYRFYHNNTFKAYQFYYSNRCTNPTYTLIIRGKIRLRQASWIIRGG
 TEADYQLHNVQVICHTEAVAELKQQVNRTPGFLADGGPWQDVAYDLWREENGCECTKAVNFAMHELQ
 LIRVEKQYLHNLHDLVEELFLGDIHTDATQRMFYRPSYQPLQNAKNHDHACIACRIIYRSDEHHPPI
 LPPKADLTIGLHGEWVSQRCEVRPEVFLTRHFIFHDNNNTWEGHYHYSDPVCKHPTFSIYARGRYSRG
 VLSSRVMGGTEFVFKVNHMKVTPMDAATASLLNVFNGNECGAEGSWQVGIQQDVHTHNGCVLGIKLPHT
 EYEIFKMEQDARGRYLLFNGQRPSDGSPPDRPEKRATSYQMPLVQCASSPRAEDLAEDSGSSLYGRAPG
 RHTWSLLLAALACLVPLLHWNIRR

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_153000

ORF Size: 1542 bp

OTI Disclaimer: 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](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: 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_153000.5](#)

RefSeq Size: 2572 bp

RefSeq ORF: 1545 bp

Locus ID: 147495

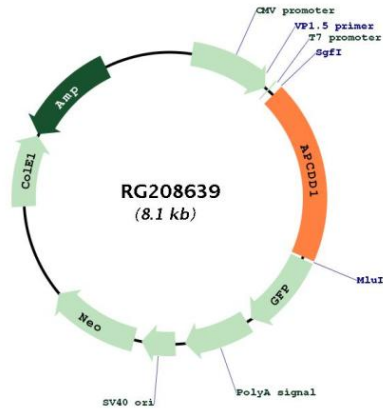
UniProt ID: [Q8J025](#)

Cytogenetics: 18p11.22

Protein Families: 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]

Product images:



Circular map for RG208639