

Product datasheet for SC321052

PDCD2 (NM_002598) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: PDCD2

Synonyms: RP8; ZMYND7

Mammalian Cell Selection: Neomycin

Vector: pCMV6-AC (PS100020)

E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_002598.2 CTTCCGGCCCGGCGCCGATTTCGCCCTTCCGACCCAGCTGTGGGCTGCGCCCCACGCCA
GCCCGCGCCCGCATGGCTGCCGCGGGGCCAGGCCTGTGGAGCTGGGCTTCGCCGAGTC
GGCGCCGGCGTGGCGACTGCGCAGCGAGCAGTTCCCCAGCAAGGTGGCGGGCGGCCGCGC
ATGGCTGGGCGCGCGGGCTGCCGGGGCCCCAGGCCCTGGCTGCGAGCTGTGCGGCCG
CCCGCTCTCCTTCTGCTGCAGGTGTATGCGCCGCTGCCTGGCCGCCCGACGCCTTCCA
CCGCTGCATCTTCTCTTCTGCTGCCGCGAGCAGCCGTGCTGTGCCGGCTGCGAGTTTT
TAGGAATCAACTACCCAGGAAAAACGATTTTTACTCATATGAGCCACCTTCTGAGAATCC
TCCCCAGAAACAGGAGAATCAGTGTGTCTCCAGCTTAAGTCTGGTGTCTATCTGCAG
GGTTTGTGGCTGTTTAGGCCCAAAACGTGCTCCAGATGCCACAAAGCATATTACTGCAG
CAAGGAGCATCAGACCCCTAGACTGGAGATTGGGACATAAGCAGGCTTGTGCACAACCAGA
TCATCTGGACCATATAATTCCAGACCACAACCTCCTTTTTCCAGAATTTGAAATTGTAAT
AGAAACAGAAAGATGAGATTATGCCTGAGGTTGTGGAAGGAAGATTACTCAGAGATTAT
AGGGAGCATGGGTGAAGCACTTGAGGAAGAACTGGATTCCATGGCAAAACATGAATCCAG
GGAAGATAAAATTTTTCAGAAGTTTAAACTCAGATAGCCCTTGAACCAGAACAGATTCT
TAGATATGGCAGAGGTATTGCCCCATCTGGATTCTGGTGAATAATTCTCAAGAAAA
GGATATTCCAGATTGCCCTGTGGTGCCAAGAGAATATTGGAATTCAGGTCATGCCTCA
GCTCTAACTACCTGAAGGCTGACAGACTGGGCAAGAGCATTGACTGGGCGATCCTGGC
TGTCTTACCTGTGCTGAGAGCTGCAGCTTGGTACTGGCTATACAGAAGAATTTGTGTG
GAAGCAGGATGTAACAGATACACCGTAAAGGCATCTTAAAGCCTTGAAAAATGTTAATAA
TCTTTTATACCTTGCAATTCCATTTCTGGGATTTATCCTAAGGAAATACTTATACCAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_002598



OTI Disclaimer:	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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_002598.2</u> , <u>NP_002589.2</u>
RefSeq Size:	1311 bp
RefSeq ORF:	1035 bp
Locus ID:	5134
UniProt ID:	<u>Q16342</u>
Cytogenetics:	6q27
Domains:	zf-MYND, PDCD2_C
Gene Summary:	This gene encodes a nuclear protein expressed in a variety of tissues. Expression of this gene has been shown to be repressed by B-cell CLL/lymphoma 6 (BCL6), a transcriptional repressor required for lymph node germinal center development, suggesting that BCL6 regulates apoptosis by its effects on this protein. Alternative splicing results in multiple transcript variants and pseudogenes have been identified on chromosomes 9 and 12. [provided by RefSeq, Dec 2010] Transcript Variant: This variant (1) encodes the longest isoform (1).