

Product datasheet for **SC117216**

PDCD5 (NM_004708) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PDCD5 (NM_004708) Human Untagged Clone
Tag:	Tag Free
Symbol:	PDCD5
Synonyms:	TFAR19
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC117216 sequence for NM_004708 edited (data generated by NextGen Sequencing) ATGGCGGACGAGGAGCTTGAGGCGCTGAGGAGACAGAGGCTGGCCGAGCTGCAGGCCAAA CACGGGGATCCTGGTGATGCGGCCCAACAGGAAGCAAAGCACAGGAAGCAGAAATGAGA AACAGTATCTTAGCCCAAGTTCTGGATCAGTCGGCCCGGCCAGGTTAAGTAACTTAGCA CTTGTAAGCCTGAAAAACTAAAGCAGTAGAGAATTACCTTATACAGATGGCAAGATAT GGACAACAAAGTGAAGGTATCAGAACAAGGTTAATAGAAATCCTTAAAAAAGTAAGC CAACAAACAGAAAAGACAACAACAGTGAATTCACAGAAGAAAAGTAATGGACTCTGAT GAAGATGACGATTATTGA

Clone variation with respect to NM_004708.3



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_004708 unedited CTGGATTTGTATACGACTACTATAGGCGGCCGNAATTCGCACGAGGCCGTGCGCCCAA CTCGACGCCTGAATCGGGGAATCGGGCCTCTGCCGGCGCCTGGCAGCGGCGGGGGCGT GGCTCCGGGCTGGATTGGTGGCGCTGGGCCCCGCGAGCGCTGCCAGTGGTCAAGGCC GCGCTCGCGCCGAGGGGCTGCGAGAGTGACCGCGGCTGCTCCAGCGCTGACGCCGAGCCA TGGCGGACGAGGAGCTTGAGGCGCTGAGGAGACAGAGGCTGGCCGAGCTGCAGGCCAAAC ACGGGATCCTGGTGTATGCGGCCCAACAGGAAGCATAGCACAGGGAAGCAGAAATGAGAA ACAGTATCTTAGCCCAAGTTCTGGATCAGTCGGCCCGGGCCAGGTTAAGTAACTTAGCAC TTGTAAAGCCTGAAAAACTAAAGCAGTAGAGAATTACCTTATACAGATGGCAAGATATG GACAACTAAGTGAGAAGGTATCAGAACAAGTTTAAATAGAAATCCTTAAAAAAGTAAGCC AACAAACAGAAAAGACAACAACAGTGAAATTCAACACAAGAAAAGTAATGGACTCTGATG AAGATGACGATTATTGAACTACAAGTGCTCACAGACTAGAACTAACGGAACAAGCCTAC GACAGAAGTTAAGATCTGATTATTTACTTTGTTTATTGCCTATATGCCCTTTTAAAAAAA TATACTTGTATGCAAAAATAAAAAAAAAAAAAAAAAACTCTACTCTATATTGCGCCCGGT CATAGCTGTTTTCTGAACAGATCCGGGTGCCATCCCTGTGACCCCTTCCAGTGCCTCTC CTGCCCTGAAGTTGCCCTCCAGCCAACATCTTGTCTAAAACACCACGCGCATTATTT ACCCGATAAGCGCCCCCTTATATTATGGGG</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_004708 unedited GTACCGCGGCCCAATCTANAGTCGAGTTTTTTCTTTTTTTTTTTATTTTGCATAACAA GTTTATTTTTTAAAAGGCATATAGACAATAAACAAAGTAAATAATCAGATCTTAACTTC TGTCCTAGACTTGTCCGTTAAGTTCTAGTCTGTGAGCACTTGTAGTTCAATAATCGTCA TCTTCATCAGAGTCCATTACTTTTTCTTCTGTTGAATTTCACTGTTGTTGCTTTTTCTGTT TGTGGCTTACTTTTTAAGGATTTCTATTAACCTTGTCTGATACCTTCTCACTTAGT TGTCATATCTTGCCATCTGTATAAGGTAATTCTCTACTGCTTTAGTTTTTTCAGGCTTT ACAAGTGCTAAGTTACTTAACCTGGCCCGGCGACTGATCCAGAACTTGGGCTAAGATA CTGTTTCTCATTCTGCTTCCCTGTGCTTTGCTTCTGTTGGGCCGATCACCAGGATCC CCGTGTGGCTGCAGCTCGGCCAGCCTCTGTCTCCTCAGCGCCTCAAGCTCCTCGTCC GCCATGGCTCGGCGTCAAGCTGGAGCAGCCGCGGTCACTCTCGCAGCCCTCGGCGCGA GCGCGGCTTGACCACTGCGCAGGCGCTCGCGGGGCCANGCGCCACCATTACAGCCCGA CCACGCCCCGCCCTGACAGGGCGCCGAGAGGCCGATTCCCGATTACAGCGGTGCGA GCTTGGCGCACGCTCGTGCCGATTTCCCGCCGCCCTTAGTGAGTCGATTACAAATTTTGA CCGTTACTAAAGAGCTCTGCTTTATAGACCTTCCACCGTACCGCTACCGCCTTTGCGTT AACGGCCGCGTTTTTCCAACATTTGGAAGCCCCGTGATTTGGGGCCAAACAACTCCCATG CCCGAAGGGGGG</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_004708
Insert Size:	780 bp
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).
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_004708.2](#), [NP_004699.1](#)

RefSeq Size: 599 bp

RefSeq ORF: 378 bp

Locus ID: 9141

UniProt ID: [O14737](#)

Cytogenetics: 19q13.11

Domains: dsDNA_bind

Gene Summary: This gene encodes a protein that is upregulated during apoptosis where it translocates rapidly from the cytoplasm to the nucleus. The encoded protein may be an important regulator of K(lysine) acetyltransferase 5 (a protein involved in transcription, DNA damage response and cell cycle control) by inhibiting its proteasome-dependent degradation. Pseudogenes have been identified on chromosomes 5 and 12 [provided by RefSeq, Dec 2010]