

Product datasheet for **RC222260**

PDCD4 (NM_145341) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PDCD4 (NM_145341) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	PDCD4
Synonyms:	H731
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC222260 representing NM_145341
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACCAATATCCTGATAACTTAAGTACTCTCTCTTTCCGGTGATGAAGAAAATGCTGGGACTGAGG
 AAGTAAAGAATGAAATAAATGGAATTGGATTTACGCATCCTCCATTAACGAAGCTAGAATTAATGCCAA
 GGCAAAAAGGCGACTAAGGAAAACTATCCCGGACTCTGGCAGAGCGGATTCCGGTCAGCGACAGTGGG
 AGTGACGCCCTTAGAAGTGGATTAAGTGTGCCAACAGTCCAAGGGAAGGTTGCTGGATAGGCGATCCA
 GATCTGGGAAAGGAGGGGACTACCAAAGAAAGGTGGTGCAGGAGGCAAAGGTGTCTGGGTACACCTGG
 ACAGGTGTATGATGTGGAGGAGGTGGATGTGAAAGATCCTAACTATGATGATGACCAGGAGAAGTGTGT
 TATGAACTGTAGTTTTGCCTTTGGATGAAAGGCGATTTGAGAAGACTTTAACACCAATCATACAGGAAT
 ATTTTGAGCATGGAGATACTAATGAAGTTCGGAAATGTTAAGAGATTTAAATCTTGGTGAATGAAAAG
 TGGAGTACCAGTGTGGCAGTATCCTTAGCATTGGAGGGGAAGGCTAGTCATAGAGAGATGACATCTAAG
 CTCTTTCTGACCTTTGTGGGACAGTAATGAGCACAACCTGATGTGAAAAATCATTGATAAATTGTTGA
 AAGATCTACCTGAATTAGCACTGGATACTCTAGAGCACCACAGTTGGTGGGCCAGTTTATTGCTAGAGC
 TGTGGAGATGGAATTTATGTAATACCTATATTGATAGTTACAAAGGAACTGTAGATTGTGTGCAGGCT
 AGAGCTGCTCTGGATAAAGGCTACCGTCTCTGAGTATGTCTAAAGGTGGAAAGCGTAAAGATAGTGTGT
 GGGGCTCTGGAGGTGGCAGCAATCTGTCAATCACCTGTAAAGAGATTGATATGCTGCTGAAAGAATA
 TTTACTCTCTGGAGACATATCTGAAGCTGAACATTGCCTTAAGGAACTGGAAGTACCTCATTTCACCAT
 GAGCTTGATATGAAGCTATTATAATGGTTTTAGAGTCAACTGGAGAAAGTACATTTAAGATGATTTTGG
 ATTTATTAAGTCCCTTTGGAAGTCTTCTACCATTACTGTAGACCAAATGAAAAGAGGTTATGAGAGAA
 TTACAATGAAATTCGGACATTAATCTGGATGTCCACATTCATACTCTGTGCTGGAGCGGTTTGTAGAA
 GAATGTTTTAGGCTGGAATAATTTCCAAACAACCTCAGAGATCTTTGTCCTTCAAGGGGCAGAAAGCGTT
 TTGTAAGCGAAGGAGATGGAGGTCGTCTTAAACCAGAGAGCTAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC222260 representing NM_145341
 Red=Cloning site Green=Tags(s)

MTKYPDNLSDSLFSGDEENAGTEEVKNEINGNWSASSINEARINAKAKRRLRKNSSRDSGRGDSVSDSG
 SDALRSLTVPTSPKGRLLDRRSRSGKGRGLPKKGGAGGKGVWGTGPGVYDVEEVDKDPNYDDQENCV
 YETVVLPDERAFEKLTPIIQEYFEHGDNEVAEMLRDLNLGEMKSGVPVLAVSLALEGKASHREMTSK
 LLSDLCGTVMSTTDVEKSFDKLLKDLPELALDTPRAPQLVGQFIARAVGDGILCNTYIDSYKGTVDCVQA
 RAALDKATVLLSMSKGGKRKDSVWGSQQSVNHLVKEIDMLLKEYLLSGDISEAEHCLKELEVPFH
 ELVYEAIMVLESTGESTFKMILDLLKSLWKSSTITVDQMKRGYERINYNEIPDINLDVPHSYSVLERFVE
 ECFQAGIISKQLRDLCP SRGRKRFVSEGDGRLKPESY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

RefSeq: [NM_145341.3](#)

RefSeq Size: 3675 bp

RefSeq ORF: 1377 bp

Locus ID: 27250

UniProt ID: [Q53EL6](#)

Cytogenetics: 10q25.2

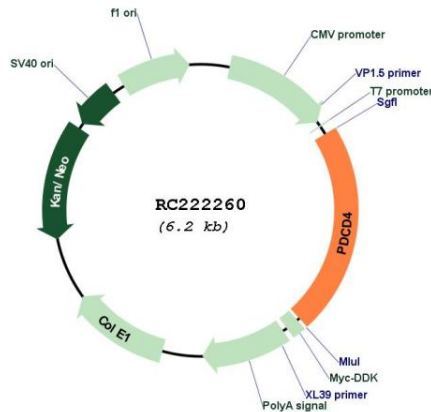
Domains: MA3

Protein Families: Druggable Genome

MW: 50.4 kDa

Gene Summary: This gene is a tumor suppressor and encodes a protein that binds to the eukaryotic translation initiation factor 4A1 and inhibits its function by preventing RNA binding. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2010]

Product images:



Circular map for RC222260