

Product datasheet for **MR216227**

Pdcd4 (NM_001168492) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pdcd4 (NM_001168492) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pdcd4
Synonyms:	D19Ucla1; Ma3; Tis
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR216227 representing NM_001168492
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGATATAGAAAATGAGCAGACACTGAATGTGAACCCACTGACCCTGACAATTTAAGCGACTCTCTCT
 TTTCTGGAGATGAAGAAAATGCTGGCACTGAAGAAATAAGAATGAAATAAATGGAAATTTGATTCCGC
 ATCTACTATTAATGAAGCTAGAATCAATGCAAAAGCCAAAAGACGACTGCGGAAAAATTCATCCCGGAC
 TCTGGCCGAGGAGACTCAGTCAGTGACAATGGAAGTGAAGCGGTTAGAAGTGGAGTTGCTGTGCCACCA
 GTCCAAAAGGAAGGTTGCTAGATAGGCGGTCCAGATCTGGGAAAGGAAGGGGGCTGCCAAAAGAAAGTGG
 TGCAGGCGCAAGGGTGTCTGGGCGACACCTGGACAGGTGTATGATGTGGAAGAGGTGGATGTGAAAGAT
 CCAAATATGATGACGACCAGGAGAATGTGTTTATGAACTGTAGTTTTCCTTGGATGAGACCCGAT
 TTGAGAAGACTCTAACACCAATTATACAGGAATACTTTGAGCATGGAGATACAAATGAAGTTGCGGAGAT
 GTTAAGAGACTTAAACCTTGGGGAGATGAAGAGTGGCGTCCCGTGTGGCAGTGCCTTAGCCTTGGAG
 GGAAGGCCACCCACCGGAGATGACATCCAAGCTGCTTTCTGACCTTTCGCGGGACGGTGTGAGACAA
 ATGACGTGAAAAAGTCATTTGACAAGTTGCTGAAGGATCTCCCTGAGCTAGCCTTGGACACTCCTAGGGC
 ACCGCAGTTGGTGGGCCAGTTTATTGCTAGAGCTGTTGGAGATGGAATCTTATGTAATACCTATATCGAT
 AGTTACAAAGGAAGTGTAGATTGTGACAGGCTCGAGCTGCTCTGGATAAGGCTACTGTGCTCCTGAGTA
 TGTCCAAAGGCGGGAAGCGGAAAGACAGTGTGTGGGATCTGGAGGCGGGCAACAGCCTGTCAATCACCT
 TGTTAAAGAGATTGATATGCTGCTTAAAGAGTATTTACTCTCTGGAGATATATCTGAAGCTGAACACTGC
 CTAAGGAACTGGAAGTACCTCATTTTACCACGAGCTGTATATGAAGCCATTGTAATGGTTTTAGAGT
 CACTGGAGAAAAGTGCATTCAAGATGATCTTAGATTTATTAATACTTGTGGAAGTCTTACTATTAC
 CATAGACCAAATGAAAAGAGGCTATGAGAGAATTTACAATGAAATCCCAGACATTAATCTGGATGTCCCA
 CACTCATACTCTGTTCTTGGAGATTTGTGGAGGAATGTTTTAGGCTGGAATAATTTCCAAACAACCTCC
 GTGATCTTTGTCATCAAGGGGAAGAAAGCGTTTTGTAAGTGAAGGAGATGGAGGCCGCTTAAACCTGA
 GAGCTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR216227 representing NM_001168492
 Red=Cloning site Green=Tags(s)

MDIENEQTLNVNPTDPDNLSDSLFSGDEENAGTEEIKNEINGNWI SASTINEARINAKARRLRKNSSRD
 SGRGDSVSDNGSEAVRSGVAVPTSPKGRLLDRRSRSGKGRGLPKKGGAGGKGVWGTGQVYDVEEVDVKD
 PNYDDQENCYETVVLPLDETA FEKTLTPIIQEYFEHGDNEVAEMLRDLNLGEMKSGVPVLAVSLALE
 GKASHREMTSKLLSDLCGTVMSTNDVEKSFDKLLKDLPELALDTPRAPQLVGF IARAVGDGILCNTYID
 SYKGTVDVQARAALDKATVLLSMSKGGKRKDSVWGGGQQPVNHLVKEIDMLLKEYLLSGDISEAEHC
 LKELEVPHFHHEL VYEAIVMLESTGESAFKMILDLLKSLWKSSTITIDQMKRGYERIYNEIPDINLDVP
 HSYSVLERFVEECFQAGIISKQLRDLCP SRGRKRFVSEGDGGR LKPE SY

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9058_c07.zip

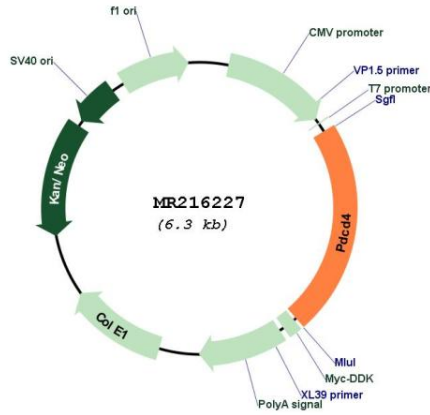
Restriction Sites:

Sgfl-MluI

MW: 51.7 kDa

Gene Summary: Inhibits translation initiation and cap-dependent translation. May exert its function by hindering the interaction between EIF4A1 and EIF4G. Inhibits the helicase activity of EIF4A. Modulates the activation of JUN kinase. Down-regulates the expression of MAP4K1, thus inhibiting events important in driving invasion, namely, MAPK85 activation and consequent JUN-dependent transcription. May play a role in apoptosis. Tumor suppressor. Inhibits tumor promoter-induced neoplastic transformation. Binds RNA.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR216227