

Product datasheet for **RN203279**

Pdcd6ip (NM_001029910) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pdcd6ip (NM_001029910) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pdcd6ip
Synonyms:	AIP1; Alix; RGD1561176
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN203279 representing NM_001029910
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGTCGTTTCATCTGGGTGCAGCTGAAGAAGACCTCGGAGGTGGACCTGGCCAAGCCGCTGGTCAAGT
 TCATCCAGCAGAGCTACCCGAGCGGCGGAGGAGCAGGCCAGTACTGCCGCGCGGCCGAGGAGCTCAG
 CAAGCTGCGGCGCTCGGCGCTCGGCCGCCCGCTGGACAAGCACGAGGGCGCGCTGGAGACGCTGCTGAGA
 TATTATGACCAGATTTGTTCTATTGAACCCAAGTCCCATTTTCTGAAAAACAGATCTGCTTGACATTTA
 CGTGGAAGGATGCTTTTGATAAAGGTTCCCTTTTGGAGGATCTGTAATAATTGGCTTTGCAAGCTTAGG
 ATATGAAAAGAGCTGTGTGTTGTTCAACTGTGCTGCCTTAGCTAGCCAGATCGCAGCAGAGCAGAACCTG
 GATAATGATGAAGGACTGAAAACCGCTGCTAAGCAGTACCAGTTTGTAGTGGTGCCTTTTACATATTA
 AAGACACAGTTTTATCTGCCTTAAGTCGAGAGCCTACTGTGGACATATCTCCAGATACTGTGGGGACCT
 CAGTCTTATTATGCTGGCCAAGCTCAAGAAGTATTTTTCTTAAAAGCCACAAGAGATAAGATGAAGGAT
 GCCATCATAGCGAAGCTGGCCAATCAGGCTGCCGATTACTTTGGCGATGCTTTCAAACAGTGTCAGTACA
 AAGATGCCCTCCCAAGGAGGTATCCCTACCCTGGCTGCAAAGCAGTGCATCATGCAGGCTAATGCTGA
 GTACCACAGTCCATCCTGGCCAAGCAGCAGAAGAAGTTTGGGAAGAGATCGCAAGGTTGCAGCATGCA
 GCAGAAGTGAATAAGAAATGTGGCCTCTCGCTATGATGAATATGTCAATGTGAAGGATTTTCTGCACAAA
 TCAACCGTGCCCTGGCTGCAGCAAAGAAGGATAATGATTTTATTTATCATGACCGTGTCCCGACCTTAA
 GGATCTGGATCCTATTGGCAAAGCCAGCCTGTGAAACCACTCCAGTTAATGTACCCATCAGCCAGAAG
 TTCACGGATTTGTTTGAAGAAGTGGTGCCTGTGCTGTGCAGCAGTCCCTGGCTGTGTTAGTCAGAGGA
 AAGTCACTTGGTTAACAGATCAATCGCTCAGATGAGAGAAGCTACAACCTTGGCAAATGGAGTCTGGC
 TTCCCTTAACTTCCAGCAGCAATTGAAGATGTGCTGAGAGACTGTACCTCAGTCTATACTTACCAAG
 TCCACAGCTGTAGTCGAGCAGGGAGGCATCCAGACTGTCGACCAGCTGATAAAGAGCTGCCTGAGCTGC
 TACAAAGAAATAGGGAAATATTAGAGGAGTCACTAAGATTGTTGGATGAAGAAGAAGCAACTGATAATGA
 CTTAAGAGCAAAATCAAGGACCGGTGGCAAAGGACTCCATCCAATGACCTGTACAAGCCTTTACGAGCA
 GAGGGAGCCAAGTTCAGAGCCGTTTTAGATAAAGCGGTGCAAGCGGATGGACAGGTGAAGGAGCGCTACC
 AGTCCCACCGAGACACCATCGCCCTTCTGTGTAAGCCAGAGCCGGAGCTGAATGCCGCCATCCCTTCTGC
 TAACCCAGCAAAGACCATGCAGGCAGTGAAGTTGTAATGTCTTAAAATCCTTATTATCAAATCTTGAT
 GAAATAAAGAAGAAAGAGAGGGTCTTGAGAATGACCTGAAGTCAAGTGAATTTTGACATGACAAGCAAGT
 TTTTGACAGCTCTGGCCAAGATGGCGTGATAAATGAGGAGGCTCTTCTGTCACTGAGCTGGATCGGAT
 CTATGGTGGGCTAACTAAAGTTCAAGAGTCTCTGAAGAAACAGGAGGGACTTCTAAAAAATATACAG
 GTCTCACACCAGGAATTCCTCAAATGAAGCAGTCAACAGTGAAGCCAGCCTGAGGGAAGAGGTCTCTGA
 AGAAGTATAGCGACCGCTACGACAACCTCGTGGAGCTCGTAGCTAACTTGAAGAGGGCACAAGTTTTTA
 CAATGAGCTGACTGAAATCCTGGTCAGGTTCCAGAACAATGCAGTGACATAGTGTGTCACGGAAGACG
 GAAAGAGATGAGCTCTTGAAGGATCTGCAGCAGAGCATTGCCAGAGAGCCAGCGCTCCTTCTATCCCTC
 CGCCAGCATATCAGTCTCCAGCAGGGGACATGCGACAGCTCCAACCTCCAGCTCCAAGAACCATGCC
 GCCTGCTAAGCCCGCCTCCAGCCCGCCTCCACCTCCTGTGCTTCTGCAAACCGAGTTCCTCCTGCT
 GCTGCCGCTACTGCCCTGCAGGGGTGGGACTGCTTCAAGCAGCAGCCGCAAGACAGCCCTGGCTCTGCTC
 CCCCTCCACAGGCTCAGGACCACCGTATCCACCTATCCAGGATATCCGGGTATTGCCAAATGCCAT
 GCCCATGGGCTACAACCCTACACATATGGCCAGTACAATATGCCGTACCCACCGGTGTATCACCAGAGC
 CCTGGACAGGCTCCGTACCCAGGACCCAGCAGCCTACCTACCCCTTCCCTCAGCCCCGACGAGTCAAT
 ACTATCCACAGCAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001029910

Insert Size:	2607 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:	<ol style="list-style-type: none">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:	<u>NM_001029910.3</u> , <u>NP_001025081.2</u>
RefSeq Size:	5775 bp
RefSeq ORF:	2607 bp
Locus ID:	501083
Cytogenetics:	8q32
Gene Summary:	forms a complex with SH3 domain containing expressed in tumorigenic astrocytes (SETA) and apoptosis-linked gene 2 protein; may play a role in astrocyte apoptosis [RGD, Feb 2006]