

## Product datasheet for **MG223973**

### **Pdcd2l (NM\_026549) Mouse Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Pdcd2l (NM\_026549) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Pdcd2l  
**Synonyms:** 6030457N17Rik  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG223973 representing NM\_026549  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCGGCCGTCAGGAAGCCTGTACTGCTGGGACTTCGAGACACGGCGGTGAAGGGCTGCCCAAAGGGC  
 CCTCCGCTGGACCTCTAGCAAGCTGGGTGGCGTTCGGGACGCCCTGCCGGCCGTACCCTCCGGGGCC  
 GCAGTGTGGCCGCTGCGCACAGCCGCTCACGCTCGTCGTCAGGTGTACTGCCCGCTGGACGGCTCCCCG  
 TTCCATCGGCTTCTGTACGTGTTTCGCTGTGCTCGTCCAGGCTGCGGCAACAGCCAGACGCGCAGCTGGA  
 AGGTGTTCCGTTCCAGTGCCTGCAAGTCCAGAGAAAGAGACTTGGAACGCGCAGAATCAGAGCGATAG  
 CCTTGCAGCTGAGAATTGGTGTGAAGGCTCACAAGACTGGGGAAGTGACTGAGGAGACGCTCCACCA  
 CCCGCCTCAGATTTGGGAAGTACTCTAATGATGTCAGAGCACTAGACTGGACTGAGAAGCTCCAAGCTC  
 TTCGCCTTCAGGACACTGCCCTGGCTGTTACCTGCCCTTCTCCTTCAGGGGAAGGGCTGACAGTCCCCAC  
 TGCAGTGGCACAGTTCAGCCCTATTATCTGTGTTGCTGAAGAGGAGGATTATGGCAGCGTTGTGGAT  
 CTTGATCATGCGCACAGCCTTCTGCAGGAGTACCAGCGGAGAGAAGGGGTGGACATGGAGCAGCTGCTTT  
 CCCTAGGCTCTAGTGACGGGGATGAAAAGTACGAGAAGACCACAGTTAGCAGTGGGGATCCAACGTTTTA  
 TAGGTTTCATGAAGAGAATTGCTGCTTCCAGGAGCAGATTTTGAGGTATTCGTGGAGTGGAGAGCCTCTC  
 TTTCTGCTGCCCCACATTTGAAGTCTCTGAGGTCCCAGCCTGCAGTGGCTGTGGAGGCCAGAGGACGT  
 TTGAGTTTCAGCTTATGCCAGCACTGGTCAGCATGCTCAGCAGTGCTAATCTAGGTCTTGCCGTGGAATT  
 TGGAACGATTCTCGTTTACACATGTAACAGAGTTGCTGGCCTCAAATCAGCAGATGCCATGGAAGAA  
 TTCTGTGTTCTACAAGAAGACCCAGATGAATTTTTATTTAAG

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG223973 representing NM\_026549  
Red=Cloning site Green=Tags(s)

MAAVRKPVLLGLRDTAVKGC PKGPSAWTSSKLG GVPDALPAVTT PGPQCGRCAQPLTLVVQVY C PLDGSP  
 FHRLLYVFACARPGCGNSQTRSWKVFERSQCLQVPEKETWNAQNQSDSLAENWCEGSQDWGSDTEETPPP  
 PASDLGSDSNDVRALDWTEKLQALRLQDTALAVTCPSPSGEGLTVPTAVPQFQPYVICVAEEEDYGSVVD  
 LDHAHSLLLQEYQRREGVDMEQLLSLGSSDGDKEYEKTTVSSGDPTFYRFMKRIAACQEILRYSWSGEPL  
 FLSCPTEFVSEVPACSGCGGQRTTFEFQLMPALVSM LSSANLGLAV EFGTILVYTCKQSCWPPNQMPMEE  
 FCVLQEDPDEFLFK

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_026549

**ORF Size:** 1092 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_026549.4](#)

**RefSeq Size:** 1283 bp

**RefSeq ORF:** 1095 bp

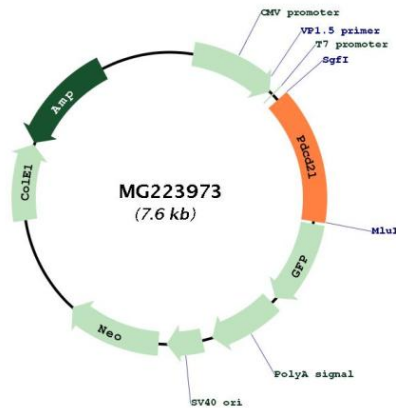
**Locus ID:** 68079

**UniProt ID:** [Q8C5N5](#)

**Cytogenetics:** 7 B1

**Gene Summary:** Over-expression suppresses AP1, CREB, NFAT, and NF-κB transcriptional activation, and delays cell cycle progression at S phase.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MG223973