

Product datasheet for **RN208806**

Pdcd4 (NM_022265) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pdcd4 (NM_022265) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pdcd4
Synonyms:	Dug
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN208806 representing NM_022265
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGATGTAGAAAACGAGCAGATACTGAATGTGAACCCACTGACCCTGACAATTTAAGTACTCTCTCT
 TTTCTGGAGATGAAGAAAATGCTGGCACTGAGGAAATAAAGAATGAAATAAATGGAAATTGGATCTCCGC
 ATCTACTATTAATGAAGCTAGAATTAATGCTAAAGCAAAAAGACGACTGCGGAAAAATTCATCCCGGAC
 TCTGGCCGAGGCGATTCACTCAGTGATAATGGAAGTGAAGCAGTTAGAAGTGGAGTAGCTGTGCCACCA
 GTCCAAAAGGAAGGTTGCTAGATAGGCGGTCCAGATCTGGGAAAGGAAGGGGGCTGCCAAAAGAAAGTGG
 TGCAGGAGGCAAGGGTGTCTGGGCGACACCTGGACAGGTATATGATGTGGAGGAGGTGGATGTGAAAGAT
 CCAAATATGATGATGACCAGGAGAACTGTGTTTATGAGACTGTGGTTCTGCCCTGGATGAGACGGCGT
 TTGAGAAGACGTTAACACCCATCATACAGGAGTACTTTGAGCACGGAGATACGAACGAAGTCGCGGAGAT
 GTTAAGGGATTTGAACCTTGGGAGATGAAGAGTGGTGTGCCCGTGTGGCAGTGCCTTAGCCTTGGAG
 GGGAAAGCCAGTACCGGGAGATGACTTCCAAGCTGCTTTCTGACCTTTGCGGGACAGTGATGAGCACAA
 ATGACGTGGAAAAGTCAATTTGACAAGTTGTTGAAGGATCTCCCCGAGCTAGCCTTGGACACTCCGAGAGC
 ACCACAGTTGGTGGGCCAGTTTATTGCTAGAGCTGTTGGAGATGGGATCTTGTGTAACACCTACATCGAT
 AGCTACAAAGGCACTGTGGACTGCGTCCAGGCCAGGGCTGCTTTGGACAAGGCTACTGTGCTCCTGAGTA
 TGTCTAAAGGTGGAAAGCGTAAGGATAGTGTGTGGGATCCGGAGGAGGGCAGCAGCCTGTCAATCACCT
 TGTTAAAGAGATCGATATGCTGCTTAAAGAGTATTTGCTCTCTGGAGATATGCTGAAGCTGAGCACTGC
 CTTAAGGAACTGGAAGTACCGCATTCCACCACGAGCTGGTATATGAGGCCATTGTAATGGTTTTAGAGT
 CAACTGGAGAAAAGTGCATTCAAGATGATGTTAGATTTATTAATAATCCTTGTGGAAGCTTCTACTATTAC
 CATAGACCAAATGAAAAGAGGTTATGAGAGAATTTATAATGAAATTCGGATATTAATCTGGATGTCCCA
 CACTCATACTCTGTGCTTGGAGATTTGTGGAGGAATGTTTTAGGCTGGAAATCATTTCAAAACACTCC
 GAGATCTTTGTCCATCAAGGGGAAGAAAGCGTTTTGTAAGTGAAGGAGATGGAGTCTTAAACCTGA
 GAGCTAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_022265

Insert Size: 1410 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_022265.2](#), [NP_071601.2](#)
RefSeq Size: 1410 bp
RefSeq ORF: 1410 bp
Locus ID: 64031
UniProt ID: [Q9JID1](#)
Cytogenetics: 1q55
Gene Summary: acts as an inhibitor of apoptosis; has similarity to eukaryotic translation initiation factor (eIF)4G [RGD, Feb 2006]