

## Product datasheet for **MC216663**

### **Pdcd7 (NM\_016688) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pdcd7 (NM_016688) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pdcd7
Synonyms:	C80112; ES18
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC216663 representing NM\_016688  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCTCTGCCACCTTTTTTCGCCAGAGCCGTACAGGACCTCCCCTCCGCAGCCACCGCCTTCCGCTC  
 CATTTCGGCTGTCCGCCCCCGCCGCTGCCCTCTCCGGCTTTCCCGCGCCCTTCCCAGCGACCCGCCCC  
 CTTCCCGGGGGCTTCCGCCCCCTTCTCCAGCCTCCGCTGGCCCTGCAGCCCCGCGGCCAGCCGAGGCC  
 TCCCGCGCGGTGGCGGTGGCGGCCTTCTTCCCGGTGCCACCCACCCTGCGCCGCGCCGCCGCGC  
 AGTGCCGGCCCTTCCCGGGGCCGACGCGCTCGAGCGTCCACGGCCACCGCTCCAGGTCCCGGGCCGCC  
 CTGAGCCCGCGTGGCGGAGGCGCCGCCGCCGACGTGCTCGGAGACGCGCCCTGCAGCGCCTG  
 CGTGATCGGCAGTGGCTGGAGGCGGTGTCGGAACCCCGCGGCCCGGTGGCTCCGGACCCCGCGCA  
 CACCCCGCGGCCAGCCTGGTGAAGTCCGCGCGGTTGCGTTCGGCTTTGCGTTTGGTGGCGCGGT  
 ACGCAGTTGGGCGAGTCCCTGCGGAGGCTGAGGCCACGGAGCAGCCTGGGCCTCCCTGCAGCCTCAG  
 GCGGCCCACTACGAGCGGAGTACGCGGAGCGGTGCAGCCGCTGGCCAGGCCGCTATGTGGGCGAGG  
 CGCGACGGAGGCTGGAGAGGGTCCGGCGCCGCCGCTGCGGCTTCGTGAGAGGGCCGGGATCGGGAGGC  
 TGAGCGGGAGGCGGAGGCCGCGCAGGCCACGGAACGGGAGCAGGAGATTGACCGCTGGAGGTGAAGTGC  
 GTGCAGGAAGTGGAGGAAAAGAAGCGGGAGCAGGAACTCAAAGCAGTGTGATGGGGTCTTAGCTGAAG  
 TAGGAAAAGCAATCAGACACCAAAAGGATGGTGGACATTCTGCGTGTCTTAGAGAAGCTGAGGAACT  
 GAGGAAAAGCTGCAGCAAGGAAAGGGTCTGTCTCTGCTTCCAGCGGATGAGACTTTCGAGCACCAT  
 CTTACGCGGCTGAGAAAGCTCATTAAAAAGCGCTCTGAACTGTATGAAGCTGAAGAGAGACCCCTCCGAG  
 TTATGCTAGAAGGAGAGCAGGAGGAGGAGGAGACGAGAAGTGGAAAAGAAACAGAGAAAAGAAAAGA  
 GAAACTTCTACTACAGAAACGGGAAATTGAGTCCAAGTTATTCGGGGATCCAGATGAGTTCCCACTTGCT  
 CACCTCTGCAGCATTCCGGCAGTATTACCTCCAGGCTGAGCACTCCTTGCCCGCGCTCATTAGATAA  
 GGCATGATTGGGATCAGTACCTGGTACCATCTGATCATCCGAAAGGCAACTCGGTTCCCAAGGATGGGT  
 CCTTCTCCGCTCCCGAGCAACGACATCTGGGCAACGGCCATTACAGTGCATTAA

**ACGGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_016688

**Insert Size:** 1455 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\_016688.2, NP\_057897.2  
RefSeq Size: 2471 bp  
RefSeq ORF: 1455 bp  
Locus ID: 50996  
Cytogenetics: 9 C