

Product datasheet for MC202218

Ptcd2 (NM_026873) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ptcd2 (NM_026873) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ptcd2
Synonyms:	1190005P08Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC025110 sequence for NM_026873
 CGGAACAACATGGCTACGGTGTTCGGCCCTGGAACGCCTGAGGGTGCCGCGTCTTCGCTGCATCCCC
 GGGTGACGGGCTCAGGCTCCGCTGCTGCCCTGCACTCTCGGAGCTAAAAGATACTACTCACAGATAA
 CATTGTGAAGTTAAAGGAATTTCAACATAAGAAGATAGCTATTGCATATAACCTACTGGCACCAAGAA
 ATCTATTTTCAGAACTTGGAAGAGAAGTTGACCCAGAACAACTCATCTTGAAGGAAGAGTTGAAAACGC
 TGCTGTACCTGTGCCAGTCCCTGGAAGATGTGCAGCTGGCGAAAGCCGTCATTTATAGGTACCATGCAGA
 AAACAAGAATTTCACTTTGGGGGAATACAAGTTCGGACCAGTTTTTCATGAGGCTGTGCTACGAGCTGGAC
 CTGGAGGACTCTGCAGTGGAGCTCGTCAGAGACAAGCATCTACAAGGCTTCTTCCATAGATTCAACGTCAT
 TCAATATTTTGATGGATATGTTATTTACCAAAGGCAAATATGAACGTGCACCTCAAGTGTGATCGAAAT
 GAAAAACCAAGATGTGAGGTTCCAGCAAAGAACCTACATCCTCGCTTTTGCAATCTGCTACAAACTGAAT
 ACCCTGGAATCGCTTAAATCTGTACTAGTAAAGAGAAGAAGCCCTAATTAAGGGAGACATTATCTGCA
 GGAGAGCATACTGTTTTGTAGTGGCATTAGCTCTGAATAAGAACCAGTTGAAAAACGCTGTGTCCATTTT
 TTCTCAAATCGTGAATCCAGAAAGCATAGTGTGTATTAACCTAAATATCTTGATCCACATCCAGTCAAAT
 ATGTTGGAAAGCCTGTTAAAGATCTTAGAGGACTCTTTGACACAAATTTATCGAAATTTGTAAGAAGAC
 ACACATTTCTCAGAGGAAGTGTGGCCAAAGTGAGGGAAAAACTGAAGGACAGCCCTGCACTCATAGCCAG
 ATTCGATGAGGTCTATGGGAAGTGCACGTGAACGGTCAAATCACCGTTCATTCTTTGGATGCTCTGCTC
 TGCCACGTCCCCCGGGACAAGAGATCCAACCTGTTGCTGTTAAAGAAGAGGGCAGTCAGCCACCGGACCT
 TACAGCCTCTCAGCCGGTCCCTGCTGACCGAGTAACTGCTTTCCATTTCCCTGGTCTGGAGCAGCTGCTG
 CTACAGTGGATTACTGGCTGCTCCGGCCGGGCATCTTACTTACTTCAGTGGCCCTGTGCTGACGCTTGG
 TCTCCCTAAGTCCCTAAGTCCCGAGTGGTGACATGCTACCAGAGAAATGGGAAGAGCTAGCTCGAGCCA
 AGGGAGCCCCACAGAAAGCAGCTGCCCTCGTTTACAGGCTCCAGAGTAAGACTCAGAGCTGCTAATGC
 AGCCAGTAGAGTGGAGCTCAGGAGGTACCACAGACGGGATTTCTTTGGTCTTGACTGACCTTTCACG
 GCAGAGGTGACTCGCAAGTTGGTGGGAGACCTGAAACCCTCATCTCCATCTTTGGAAGTGGCGGAGGC
 CTTCTCGTCTCCGCCATCGTTATTCATCTGTGAGGCGATGCTGCCTGGGTGTGCTTGGATGACTTAC
 ATTTCCATTCAAGGTTCCAGTAGAGTTCAGCTTTCTCCAGAATAAGAAATAAAAGGTTCTGTGCAAAAAA
 AAAAAAAAAAAAAAAAAAAAA



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Restriction Sites:	RsrII-NotI
ACCN:	NM_026873
Insert Size:	1146 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>BC025110</u> , <u>AAH25110</u>
RefSeq Size:	1699 bp
RefSeq ORF:	1146 bp
Locus ID:	68927
UniProt ID:	<u>Q8R3K3</u>
Cytogenetics:	13 D1
Gene Summary:	Involved in mitochondrial RNA maturation and mitochondrial respiratory chain function. [UniProtKB/Swiss-Prot Function]