

Product datasheet for **MC220440**

Ptcd3 (NM_027275) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ptcd3 (NM_027275) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ptcd3
Synonyms:	2610034F17Rik; 2810422B04Rik; AA589622; AU045708; MRP-S39
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC220440 representing NM_027275
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGGCGGGCGGTTGCAGCTCGCCGCTGTCTTTTCGAGCGGGCTTGTCTTGCTGCAGACCACTC
 GGGGACGGGTGTGTGAACCGAAGGTCTGTTGCAGATTTATGCTGGAAGTGAATCCCTCCAAAGGT
 TGAAGGATCAGATATAACAGGGATTGAAGAAATAGTCATTCCAAAAAGAAAACATGGGATAAAGTGGCT
 GTTCTTCAGGCACTTGCATCCACAGTAAACAGGGATCCTACAGCTGCACCTTATGTATTTTACAGTATGATC
 CTTACCTCATACCAACCTCTGCTCTGGAGTCTCGTTCATTTTTATTGGCAAAGAAGTCTGGAGAGACTGC
 AGCAAAGTTTATTATTAATTCATATCCCAAATATTTCCAAAAGGATATAGCTGAGCCTCATATACCGTGC
 TTAATGCCTGAGTACTTTGAGCCTCAGATTGAAGATGAAGCGAAGCTGCCCTGGAGGAGCGAATCAGAC
 TCAGAAAAGTCAAGCTTCTGTGGACATGTTTGACCAGCTTTCGAAGCAGGAACACAGTCTCTCTTGA
 AACAACTAATAGTCTTTTGGATTTATTGTGTTACTATGGTGACCAAGAGCCCCAGCTGACTATCCTTTT
 CAACAACTGAACATTTGGAAAAGTGGAAAGCTGCAGAGGAAAATAATCAAACATCCAAGATGGAGT
 CTGGTCTTTGGAAAGCACAACAAATGCTGAGAGGATCTTCGCTTTAATGCCAGAGAAGAATGCACGCTC
 TACTGCACGATGATCCGAGGGATGGTGAAGCACCAGCTTATGCACAGGCACTGAACGTGTACACAGAG
 TTATTAATAACAGACTTAGTGCTGATGTATATACCTTAAATGCATTGATTGAAGCAAAAACATTCATAC
 TCAATGAGAAATTTGAGGAAAAATGGAATGATATACTGGATCTACTGAAACATATGGTTGCACAGAAAGT
 GAAACCAATCTGCAGACTTTTAAACAATATTGAAAGGTCTCCGGAAGTGTACTACTTGGAAAGGATA
 CCAGCCTTACAGATACTACGTGAAATGAAACATATTGGAATAGAACCCTCACTTGAACATACCATCATA
 TTATTCACCTCTTTTATCCAAGAGATTTAAGCGCTATAAAAAATGCCATCCCTCATCATCTATGATATCAT
 GAATGAATTAGAGGGAAGAACATTTTCTCCACAGGACCTTGATGATGGTAGATTTTTTTCAGTTGGCCATG
 AGTGTGTGTTTCTCTCAGAGATTTAGAGCTTGCTTACCAAGTACACAGACTTTTAAACACGGGGACA
 ACCGAAAAGTGGTGGACATGATCCTCTACGTAAGGTATATTATTCGAAGTTTTTTCAGTTTGATTTGTTT
 ACTGGAACAAATGATGTCACCTTGAAGTGGTATAAAGGACCTAATACCTTCAGTGTCTCTCCCACTAC
 CAAATATTCATAGGTCTTCTTCAAGCATTGGATGTGGCCAATAGACTAGAATTGGTTCTCAGATTTGGA
 AAGATAGTAAAGAATACAGTCATACTTTCCGAGATGCCCTAAGAGAAGAAGTATTGATGCTCATGGCCAG
 GGATAAACATCCACCAGAGCTTCAGGTTGCATTTGCTGACTGTGCTGCTGATATCAAATCCACATACGAA
 GACCAGAGTGCCCGCAGCCTGCTTTTGGATTGGCCAGCCAACCTTTACAGTATATAGCTGTCCTTTTTT
 TAAGAGGTGGCAGAAGCCAGGAAGCCTGGAAAATGTTGGAACCTTCAAAAAGCACAAGAAGATCCCGAG
 AAATGAATTGCTGGAGGAATTCATGGACACAGCGAAAGCATCCGGTAGCACTGCTCTGGCCATTGAGGTT
 GTAAAGCTGGCAAGTGCCTTCAGCTTGCCTATTGGGGAGAGCCTTGCCCAAAGAGTAGTGATGGATTTCA
 CAGTTGACCCAGAACAAAAGAAGCCCTGGTAACCTCACTGAACTGAACAGTAGCGATGGAGAAAGCAG
 CAGTGACAGTGACAGTGACGACAAATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_027275

Insert Size: 2058 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_027275.3</u> , <u>NP_081551.2</u>
RefSeq Size:	2601 bp
RefSeq ORF:	2058 bp
Locus ID:	69956
UniProt ID:	<u>Q14C51</u>
Cytogenetics:	6 C1
Gene Summary:	Mitochondrial RNA-binding protein that has a role in mitochondrial translation. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longest isoform (1).