

Product datasheet for **MC206720**

Ppcdc (BC052928) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ppcdc (BC052928) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ppcdc
Synonyms: 1810057113Rik; 8430432M10Rik
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC052928
GGCACGAGGGCCACATTTGACTGAAGAAGGACAACGGGGTCAAGGTTTGAGGACTGACAGATTCTAGACC
CAGGCTTCTCAGCCCCAGAAAGCCACCAGACCTCACATGGAACCAAAGCCCCATGCCAGCCGCGT
CCCTCAGAGGAGAGGAAGTTCCGTGTTCTTGTGGGCGTCACTGGCAGCGTGGCCGCTCTGAAGCTGCCT
CTCCTGGTATCTAAGCTGTTGGACGTTCCCTGGGCTGGAAGTCAAGTGGTAACAACAGAGAGAGCCAAAC
ATTTCTACAGCCCTCAGGATGTCCAGTCACCCTACAGTGACGCTGATGAATGGGAGATGTGGAAGCG
CCGTTCTGACCCGTTCTCCACATTGACCTGCGGAGGTGGGCTGACCTCATGCTAGTGGCTCCCCTCGAT
GCCAACACTCTGGGGAAGGTGGCCAGTGGCATCTGTGACAATTTGCTTACCTGTGTCATCCGGCCCTGGG
ACCTAAACAAGCCCTACTCTTCTGCCCTGCCATGAACACTGCCATGTGGGAGCATCCTCTACCCGACA
GCAGGTAGCCAGCTCAAGGCCTTTGGCTACGTGGAGATTCCCTGTGTGAGCAAGAAGCTGGTGTGGA
GACCAAGTCTAGGAGCCATGGCTGAAGTGGAGACCATTGTGGCTAAGGTGCAGGCGTGTCTCCCAGC
ATGGTAGCATCCAGCAGAGTTGACCTGGGATTTCTGCCATGATGCCCTTGCACCCAGTGAGTTCAGCCT
GAGCTGTTGAAGAAGGATATCAGCACAGTATGAAGCGCTTATGCTGATTGACGAGGGCTAGCCTGAACC
TTCTTGGGATTTCCCTTCAGTCTAACCTCTTCAAGCTACACGGAACCACAGACCAGGTCTACCTTCT
TTCAACCAAGAGATGCCTGCTTCTGGAGGCCCTTCCATTTCTTCTGGGATAGCCCAAATAGACTAGGC
AAGCACACTGCTACTTGAAGGTAATTAATGACTGAGGGACCTCCTGCCTGGGAATTGCTTTTAGACAC
ACCATGGATGAAGCTGGGCATGGAGGCTCACATCTGTAATCCTAGCACTCAGAAGGCTGAGGCAGGATTG
CTACAACTTTGAAGTTGGCTTGGCTACATAGTAAGCCAGGCCTGTGAGTGTGATAGCCTATTTCAAAC
AAAAGCAACAAGAAGAAACCCATAGCTCAAGATCCCTGACATAGCAGGACACAGCAGGCTCCTGGTCCAG
GCTGGAAGCATCCAGTCTTTGGTGGCCAGGTGTGCACACAGTCAAGAAGTCTGTGAGGTGGCCAAACTC
TTCAGATTTCCACAGTCTGTAAGTGTGAGGAGTAGGGGCACGAACAGGTCTGGGAAATAAAGAAAAGTACCT
TTTAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: EcoRI-NotI
ACCN: BC052928
Insert Size: 615 bp



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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>BC052928</u> , <u>AAH52928</u>
RefSeq Size:	1423 bp
RefSeq ORF:	615 bp
Locus ID:	66812
Cytogenetics:	9 B
Gene Summary:	Necessary for the biosynthesis of coenzyme A. Catalyzes the decarboxylation of 4-phosphopantothenoylcysteine to form 4'-phosphopantotheine (By similarity). [UniProtKB/Swiss-Prot Function]