

Product datasheet for MC206947

Pcbd2 (BC028642) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcbd2 (BC028642) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pcbd2
Synonyms:	Dcoh2, Dcohm
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC206947 representing BC028642. Blue=ORF Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
 ATGCTTTCAGATGCACAGTGGTTGACGGCAGAGGAGAGGGACCAACTTATTCCTGGCTTGAAAGCAGCA
 GGGTGGTCGGAAGTGAAGAGAGATGCCATCTACAAAGAGTTCTCCTTCAAAAATTTCAATCAGGCG
 TTTGGCTTTATGTCCAGGGTTGCCCTGCAAGCAGAGAAGATGAATCACCACCCGGAATGGTTCAACGTC
 TACAACAAAGTCCAGATAACCCTCACCTCGCATGACTGTGGCGGCCTGACCAAGCGGGATGTGAAGTTG
 GCCCAGTTCATTGAAAAAGCTGCTGCATCTCTGTGA
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	BC028642
Insert Size:	312 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).


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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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC028642](#)

RefSeq Size: 530 bp

RefSeq ORF: 311 bp

Locus ID: 72562

Cytogenetics: 13 B1

MW: 11.7 kDa

Gene Summary: Involved in tetrahydrobiopterin biosynthesis. Seems to both prevent the formation of 7-pterins and accelerate the formation of quinonoid-BH2 (By similarity).[UniProtKB/Swiss-Prot Function]