

Product datasheet for **MC202812**

PcyoxII (NM_172832) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	PcyoxII
Synonyms:	BC060677; C630049M13
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF: >BC060677 sequence for NM_172832
CGCTAGAGGCCGATCCGGAGCGTGTGCCCGGTACCACCCGCCATGGCCCGCGCTGCCCCGCTGCTCGC
CGTGCTGGCCACAGTCTCACCACCGCCGCTGCAGGCGGAGACGCACCGCCGGGAAATCGCTGTTATC
GGAGCTGGGATCGGGGGCTCTGCTGTGGCCATTTCCTTCAGCAACACTTCGGACCCCGAGTGCAAATTG
TCGTCTATGAGAAAGGACTGTGGGTGGCCGCTGGCCACCATCTCCGTCAACAAGCAGAACTACGAGAG
CGGGGCGGCTCCTTTCACTCTCTGAGCCTCCACATGCAGGACTTCGTCAAGTGTGGGACTGAGACAG
CGGCGCGAGGTGGTGGGAGAGCGCCATCTTTGGCGCGAACATTTCTGTCTGGAGGAAACCGACTGGT
ACCTGTGTAATCTCTTCGCGCTCTGGTGGTACTACGGCATCAGCTTCTGAGGCTGCAGATGTGGGTAGA
GGAAAGTCATGGAGAAGTTCATGAGGATCTACAAGTACCAGGCTCACGGCTATGCCTTCTCGGGGTAGAA
GAGCTACTCTACTCACTGGGGGAAGCCACCTTTGTCAACATGACCCAGCGGTCCGTGGCCGAGTCCCTGC
TCCAGGTGGGCGTCACACAGCGCTTTATTGATGATGTCGTCTCTGCGGTCTACGGGCCAGCTATGGCCA
GTCGGCATCAATGCCCGCTTTGCTGGAGCCATGTCCCTAGCTGGGGCTCAGGGCAACCTGTGGTCCGTG
GAAGGGGGCAACAAGCTGGTTTGTCTGGTTTGTGTAAGCTCGCCAAGGCCACCGTGATCCACGCCACGG
TGACCTCTGTGACCCTGCACAGTACAGAAGGGAAGCCCTGTACCAAGTGGCGTACGAGAGTGACAAGGG
CAACAGCTCTGACTTCTACGACATCGTGGTCATCGCCACGCCCTGCACCTGGACAACAGCAGCAACAAC
AACATCACCTTTGAAGGCTTTACTCCGCCATTGAGGACATTCAGGGCTCCTTCCAGCCACCGTGGTCT
CCCTGGTCCATGGCTACCTCAACTCTTCTACTTCGGTTTCCCGGACCCTAAGCTTTTCCCTTCGCGAA
CATCCTCACACGGAATCCCGAGCTTCTCTGCACTCTGGACAACATCTGCCGTCAACATCTCGGCC
AGCTTCCGGCGGAAGCAACCCAGGAGGCCGCGGTGTGGCGAGTGCAGTCCCGAAGCCCTCTTCCGCA
CGGAGCTGAAGACCCTCTTCCGTTCTATTACTCAGTCCAGACGGCGGAGTGGCAGGCCACCCCTCTA
CGGCTCCCGCCGACCCCTCCCGAGGTTTCGCCCTGCACGATCAGCTTCTACCTCAATGCCTTGGAGTGG
GCGGCCAGCTCCGTGGAGGTGACGGCTGTAGCTGCTAAGAATGTGGCTCTGTTGGCTTATAACCGCTGGT
ACCAGGACCTGGATAAGATTGACCAGAAGGACCTAATCCATAAGGTCAAGACTGAAGTGTGAGGGCTCCC
AGGAGAGCCAGGACTCTGCCACACTGAAGATAACTGAGATGGAGCGCACTCCAGCCGCGCAGGACT
GACGAGGCCACCCATGGGCTCTGTGGCTTTCTGTCTCATGGATTGAACAGGGTCCCCCATGTGGG
CCCGGGCGATCTGCTGTCTGCTTATCTAAGGATCCTCTTAGAGGCTGCCTTTTTTTTTTTTTTTTAAAG
GAGCGATTAAGAAAAGGAAGGAAATCAAGTCAAGTGTGTTTGGCTGTTTTGTTTTGTTTTGTTTTGTTT
TTGTTTTGTTTTGTTGGTGTGGGTTTTGAGGTTTTTGTGTTGGTTGGTTGGTTTTGGGATCGTGTGTT
TATTTTATTGTTTTGTTTTGGGGGTTGGTCTTGTGTTTTGGGGGTTGTTTTGTTTTGTTTGTGTT
GTTGTTACTGTTTTCAAGAAGAAATATAAATTCATCCTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AA

Restriction Sites: AscI-NotI

ACCN: NM_172832

Insert Size: 1488 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC060677 , AAH60677
RefSeq Size:	2073 bp
RefSeq ORF:	1488 bp
Locus ID:	240334
UniProt ID:	Q8C7K6
Cytogenetics:	18 E1
Gene Summary:	Probable oxidoreductase.[UniProtKB/Swiss-Prot Function]