

Product datasheet for **MC206700**

Prkcn (BC037012) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Prkcn (BC037012) Mouse Untagged Clone
Tag: Tag Free
Symbol: Prkcn
Synonyms: MGC47171, PKD3
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC037012
 CCACGCGTCCGTCTTGATACAGATCAACTATTCTATTTGTTTTCTGAAATGAAAAGCAAAGACAAGAA
 CAGATTTAGAAGAAGTGAAGATGCTTGTAAATATTCAGCATGAACTCTGTTCTCCGACGATGATGGTG
 ATGTGAAGTGGGGACAGATCTGGGTGTGGTCCTAAAGACAAGATTCTTGATGGGACTGATACCGACAGC
 AATAGGATCTTTTGAGTATTCAACTCGGAGTAACAGAATTTGTCATCAACGGCATGAATGGCTCAGCCGA
 GGAAATAGAGCAGCTTTCATCTAAATCCAAGCGTGTGTCATTTTTCTACTGCTATTATTTTAAAACTT
 CTTCAAAACCATTTAAAAAGCATTGACAATAATTTTATAGATCAAAGAAAGGCAGATGTCTGCAATAA
 TTCCCCTCCATCAGCCAGAAATCTGTGTTCCCTGCAACTGTTTCTGCTGTGCTCCAGCTCCTTCTCCG
 TGTTCAAGTCCCAAAACAGGACTCTCAGCTCGGCTCTCTAATGGCAGCTTCAAGTCCCGTCACTCACA
 ACTCTAGAGGCTCAGTGACACAGTTTCTACTTCTAGATTGGCCTCACACGAGAGAGTGTACCAT
 CGAGGCCAGGAACTGTCTCTCTGCTGTCAAAGACCTCGTGTGCTCCATTGTTTATCAGAAGTTTCCA
 GAGTGTGGATTCTTTGGCATGTATGATAAAATTCTTCTTTCCGACGACATGAACTCAGAAAACATTT
 TGCAGCTGATTACCTCAGCAGATGAAATACATGAAGGGGACCTGGTAGAAGTTGTCTGTGAGCTTTGGC
 CACAGTGGAAAGACTTCCAGATCCGCCCTCACGCTCTATGTACATTCTTACAAAGCACCTACTTTTTGT
 GATTACTGTGGTGAATGCTCTGGGGACTGGTACGTCAAGGATTAATGTGAAGGCTGTGGATTAAT
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 GGGTGGTGCAGTCCATCAAGCACACAAAGAGGAGGAGCAGCACAGTTGTGAAGGAAGGGTGGATGGTCCA
 CTACACCAGCAGGACAACCTGAGAAAGAGACATTATTGGAGACTTGACAGTAAATGTCTAACATTGTT
 CAAAATGAATCTGGATCAAAGTATTATAAGGAAATTCACCTTTCAGAAATCTCCGTGTATCTTCACCGC



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AAGATTTCAACCAGCATTTCACAAGGCAGTAACCCACACTGTTTTGAAATCATCACCGATACCGTGGTATA
 CTTTGTGGTGAGAAACAATGGGAGCAGCTCATAATCCTGTTCTCGCTGCCACTGGAGTGGGACTAGAT
 GTGGCGCAGAGCTGGGAAAAAGCAATTCGCCAGGCCCTCATGCCTGTCACTCCTCAAGCAAGTGTGGCA
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 GAAATTTCCAGTGAAGCAATTGACTTGATAAACAACCTGCTTCAAGTGAAGATGAGAAAACGTTACAGTG
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 TCGCATTGGAGAACGTTACATTACACACGAAAGTGATGATGCTCGCTGGGAAATACACGCATACACGCAC
 AATCTGGAATACCCAAAGCATTTCATTATGGCCCCAACCCAGACGACATGGAGGAGGATCCTTAGTTGT
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 GCTGTAAGGACCTTTAGTGTGTCCACTGTGCGGAGCATTGCTTCTCCTTCTGGACCCGATAAGCAG
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 GTGGGCACAACGCTGCATTTAACTAATTTATCCTCACCTGGAGTTGAATAATGTATAGACAAAATCACAT
 ACTAGAGAGGGAAGCTAACACAGGTCACTAGATGTCAGTGTATCTGTTTCTCCTTCCCTTGGCCTTTGG
 ATGGGGTTTCCAATACCTAGTGTTTTTAAATTAGCATTGTCGTTTGGAGCAGTTTGGAGGAGTGACTGAAG
 TCAAACATGAAAACCTTAGTTTATTGAGGTGGGACCTAATTACCAGTAGAGCGGATGGAGAAGGAGTAAAG
 ACGTCTTACACTTCAGCTCCAACAGCCAGCTGTTTTGTAGTAGTTAATAACAAGCTCAGTATCCCTAT
 CTGAGCTGCTCTACACCAGGAAGGTTTCACTGCCAGATACTGAAATGTTTGCACACTCTACTAGTTGAGC
 ATCCCTGACCTACAAATCCGAAATCCTCCAAATCAAGAAAACCTTGGAGTCCCTCAGATTCCACATTAG
 TGATATTTCCACCTGTGCTTTACCCAAAGAGAAAAAGATCCAGGACCATCCTCTCACAAGAAATATAGTA
 GCTGTTTGTCTTCTCCTCACTAGTCACAAAAA

- Restriction Sites:** EcoRI-NotI
- ACCN:** BC037012
- Insert Size:** 2670 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:

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: BC037012, AAH37012

RefSeq Size: 4384 bp

RefSeq ORF: 2670 bp

Locus ID: 75292

Cytogenetics: 17 E3

Gene Summary: Converts transient diacylglycerol (DAG) signals into prolonged physiological effects, downstream of PKC. Involved in resistance to oxidative stress (By similarity).
[UniProtKB/Swiss-Prot Function]