

Product datasheet for **MC218870**

Palmd (NM_023245) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Palmd (NM_023245) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Palmd
Synonyms:	4631423C22Rik; PALML
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC218870 representing NM_023245
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAAGAAGCTGAGCTGGTGAAGGAAGACTCCAGGCCATCACTGACAAAAGAAAGATACAGGAAGAAA
 TCTCACAGAAGCGTCTGAAAATAGAGGAAGAAAAATTGAAACACCAACATCTGAAGAAAAAGCCCTGAG
 GGAGAAAATGGCTCCTGGATGGAATCGGCAGTGGAAAAGAACACGAAGAGATGAAGAGCAAAAATCAGCAA
 GACCAGCACCAGACCCAGGTTCTAGAGCAAAGCATCCTCAGGCTTGAGAAAAGAGATCCAAGATCTTGAAA
 AGGCTGAACTGCAATCTCAGCCAACGAAGAGGCAATTCTGAAGAAGCTAAAGTCGATCGAGAAGACCAC
 AGAAGACATAATAAGATCCGTGAAGGTGGAAAAGGAAGAAAACCCAGAAGAGTCAATCGAGGACATCTAT
 GCTAATATCCCTGACCTCCAAGTTCTACATACCTTCCCATTAAAGAAAGGAAAGAAAACGAAGGACCAG
 ATGACGAACAAAACAGAAAAGCTTTGTATGCCATGGAAAATTAAGTTGAAAAAGATTTGAAGACTGGAGA
 GAGCGTAGTTCTGTCTTCAATACCGCTGCCATCTGATGACTTTAAAGCACAGGGATAAAAGTGTATGAG
 GACCGGCAGAAAATCAGTCTATGCTGTTAGCTCCAATCAGAACACAACCTACAATGGCACCAGCGCCTCG
 CACCTGTGCAAGTGGAGGATCTCCTAAGACAAGCCTCAGAGAGGAACTCTAAATCGCCCACAGAGTACCA
 TGAGCCAGTGTACGCCAATCCGTTTTGCAGGCCTGTGACCCACAGAGAGAAAAGAGTCAAGCCCTGGA
 CCAAAATTTCAAGAAAGGATAATGATGAAAACGAACGGACTGGGCAACCATGCAAAATGAATCTGCGCACA
 ATATGACCGACGGGCTCTCAGAGAGGAGAAGCAACGGTCCCCTCACACCAGTCCCCTCGGCCAACACC
 TCAGCCCCGATCAATGGTTCAGCAAGTGGAAAGAGATGGTCCACACCCAACAAAAGAGGATGGCAAGCCCT
 TGGGAAGAATCCAGCAACAGGCAAAAACGAACAGAAAGTTCTCCAAGGATGGAACAGCCCCAGCAGAG
 CAAGCCCTGGAAAATCGGGACCCAGTGTCTTCAACCCACTTGCCAGGAGGAGACAGAAGATGTCAGATA
 TAACATCGTTTCAATCCCTGCCTTCTGATGTGGATGACACAGAACCTGTAACAATGATTTTCATGGGGTAT
 CAGCAGGCAGATGATAATGAGGAAGAAAAGAAAGCTTTTGACAGGCTACGACGGGGTCATCCACGCTGAGC
 TCGTTGTGATTGATGACGAGGCGGAGGATAATGAAGGACAAAACCGAGAGGCCATCTACCATCCCGTAGC
 TCCCTACAGTCAGGTTTACCAGCCACCCAAACCAACCCCACTTCTAGAAAAGAGAGCGGAAGTTAGGCCG
 TATGAAAACACAAACATAAATCTCCTCACAAAATTCATCTCTGAAAAGAGCAAGAGGAACGCTTAG
 GCAGCCCTGCCCGCACTCTCCCTGGATGTCCCAGTAGCTGGAGACGGGACTGAGGATCCTTCTTAAC
 AGCTTTAAGAATAAGAATGGCCAAGCTGGGAAAAAGGTATC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_023245
- Insert Size:** 1656 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: [NM_023245.3](#), [NP_075734.3](#)

RefSeq Size: 2414 bp

RefSeq ORF: 1656 bp

Locus ID: 114301

UniProt ID: [Q9JHU2](#)

Cytogenetics: 3 50.49 cM