

## Product datasheet for **MC221178**

### **Palm3 (NM\_028877) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Palm3 (NM_028877) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Palm3
Synonyms:	4432412L15Rik; AL024300
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC221178 representing NM\_028877  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCTCTGCAGACCCCGTGTGTCTCCGGCCACACCCACGGTTCATGGCGGAGAGCGCCCTCTATCGGC  
 AGCGGCTGGAGGTCATCGCTGAGAAGCGGCGGCTGCAGGAGGAGATCGGGCCCGCGTCCGAGCTGGA  
 GGAGGAGAACTCCGCGTGGAGCGGCTCAAGAGAAATCTCTCCGAGAACGTTGGCTCATGGACGGGCA  
 GCTGAAGGGCCAGAACGGCCGGAGGAACCCGCCTCCAAGGACCCACAGTCGCTGAGGGACAGGCCAGG  
 CTCGAATTCGCAACCTGGAAGACAGTTTGTCTTCACTCCAGTCACAGCTACAGCTGTTGCAAAGTGCCTC  
 CACAGGTCTCAACACAGACCTGCTGGTAGGCCCGCTGGCGCAGAGAGGGTCCCGTCTCTCTCAG  
 TCTGCCATGGAAGCAGCTCCTACCGCCCGACTGATGTGACAAGCGAACTTCCCTGCCAGATGCTCCAG  
 TGGGCATGTCCCCTGAGTCTCCTTCTGATCCCAGGGAGGAGTCGATTGCGGTTCTACCAGCTCGAGGCC  
 ATCCACTGAAGCTATAGGGACATCTTCAGAAGCCAATGGCCCTGCCCTGGGCACAGCCCTCTCCAGAG  
 CAGCTGAGTCTAGGGGTGTCGAGTGTACTAAGGCCAAAGGAGATGGTGCAGTGGAGGTGGTTTGGGCTG  
 GGCTTAGAGCCACTGAGAACAGTGCACAGGCCCCACAGATGTGGAGCTGGAGGCTAAGGTGGAAGAAGT  
 GGTCTGGAGGCCATTGGGGCCAGGCAGGGCACCAGCAGCCCTGAGCTCCCACTTGGGTGAAGGAGGGC  
 AGGGGTGTAGTGAAGTGGTCTGGGAGGGGCTGGGAGGCAGGGATCTTGATGTCACAGGGGAGTCAGGCA  
 GGGATGCAGAGGCCACACACACACAGTCCAGGAGACTCCAGGAGCAATTTGAGGCTGAAACTTGCAGAAA  
 AGAAGAAGGTGCTCCAGAGATAGTCTTGAGGGTGTGGGAGGGAGGTCCTGGAGTAGAGGAGGGATCC  
 TTCATTTGGGTGGAGAGAGTGGCCCTCAGCGAAGACTGGGAGGAGATTTGATGGAGGGTTTGAAGCAC  
 CGCAGGGGCGAGGCTGTCAGGAGAACCTGAGGCTTTGATTGGAGCACAGCCAGAGGAGGTGAAGCGTC  
 CTGGGAGGTAGAGAAGAGAGAAGTAGAGAAAGTTGAGGGCATAGAAGAGAAGGGAAGGGCAGAAAAGCTC  
 GGGGCAGAGAGGGAGGATGGTGTAGCTGTGCTGCCAGATGAGACCCAGGGAAGAGAGGAAAACGAGGCAG  
 AAAAGGTAGAGAGAAAAGACAGTGAAGGCCCCCTTCCAGCAGAGATAGCAACAGATGAGGAAAAGTGGGA  
 GGTGAAAACGACGGAAGGTGAAGAGTCGTTGGAAGTAGAAAAGGGAGGTGAGGCAGAGCCGGTCACTACT  
 GAGAAGCCATTGGTGACAGAAAAAAGCCAGAGGGCTCACTGGAGACAGAGAGAAAAGGAAGTGAAGTGC  
 CATTGGACCAGGAGAAAAGATGGTGAAGGCTCATTGGACAGAGAATCAAAAACAAGTGAAGTACTATTGGA  
 TGGAGAGATAGGAGATAAGAGCTCATTGGATGAAACTAAAGGAAGCAAGAACTATTAGATGAGAAGACA  
 GGAGGTGAGGGCTCATTGGATGAAGAAGCTGAAGGAAGTAAAGAACTATTGGACAGGAGGCAGATGGCA  
 TCGAGCCATTCTGAGGTGGACAAGACCTCAGGCGCCAAGGATGATGTGAGTCCAGAAGAGCAAGGC  
 AGCCAACGAAGGAGCAGAGTCCAGGCGGAGGATGCCAGCCACCAGGAGCCACTGTTTGTGTCCAGGAC  
 GAGCCCAGGTGAGGAGCAAGGACAGCAAGAACCAGAGAAGCAAGAAGGCTGGTAGAAGGGGAGCCCA  
 GTAAGCCTGAGCCCTGTACTGAGCGAGAGGGTCCCCAGGGGATGCTACCTGCTCTAGCTGAGACCCC  
 AGCCCCGAGCAGCCTGTGGAAGCCAGCCACTGCTCCATCAGGAAGCGTCCAGCACTAACCCCTGGTGAC  
 CACCCTGCACCTACGTATGCCCTGCCAGCAGCTTGAAGTGGCTGAGGCCAAAGAAGCTAGTGGTCCCA  
 AGCAGAAGACGTGCCAGTGTGTGGTTCATG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_028877

**Insert Size:** 2205 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).

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_028877.1</a></u> , <u><a href="#">NP_083153.1</a></u>
<b>RefSeq Size:</b>	2449 bp
<b>RefSeq ORF:</b>	2205 bp
<b>Locus ID:</b>	74337
<b>UniProt ID:</b>	<u><a href="#">A2TJV2</a></u>
<b>Cytogenetics:</b>	8 C2
<b>Gene Summary:</b>	ATP-binding protein, which may act as a adapter in the Toll-like receptor (TLR) signaling. [UniProtKB/Swiss-Prot Function]