

## Product datasheet for **MC217086**

### **Pramel5 (NM\_001085418) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pramel5 (NM_001085418) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pramel5
Synonyms:	OTTMUSG00000010540
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >MC217086 representing NM\_001085418  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGAGCTTCAAGGACCCACCAACTCCAGCAGCTGGCAAGAAGAAGCCTGCTGAAAGATGAAGCCTTGA  
CCATCTCTGCTCTGCTGAACCTGCCTGTGCAACTCTCCACCCTCTTCAAGGATGCATTCACCAGCAG  
ACAACGTAAGATCCTGAGCCTGATGGTGGCAGCATGGCCCTTCCAGTCCTTCTGTGGGAGCTCTGGT  
GGGATTGATCACCTGGAGACCCTGAAAGCTGTACTAGATGGCCTTGATTTGCTGATGTCACAAAAGGATC  
GACCTAGCAGGTGGAACCTACAAGTGTGATTTGGGAAATGCCACCAGGACTTCTGGGATGGTTGGGC  
TGGACTACTTCATGAAGTCTGCTCTCAAGATGTCTTTGGCAAGAACCAACCAGTGGGAAATCATCCCATC  
CCAGGGGGGAAACAGACCATAACTATAAAAATGAATCTTCCCTCAAGTACTGCCGACATTCTAAATACC  
TAAACTATTTGCATTGGTGGGCCGAGCAGAGAAAAGATGGGATACAGGTGATCTGTGAGAAGCTGGAGTT  
TACGGGCCCTCACTGTCCCGAAGTGAAGTTCTTGAAGTTTCTTTGTAGCCTCAATCCAGGAATTGGCA  
ATAAAGTCCATACACTGGGATATATATAACCTTGCAATGATAGCCTTGGCTGGCCAGATGAAAACCC  
TCCAGAAACTCATTCTCATGAACATCAGGAGACCTCCTGACCTTGACAGCCTACAGGAAGCCCATATTGT  
TACAGAGATCTTTTCTGAGTTCTCCAACTGCATAAGGTTCACTATCTCCATGTGAATAATGTCTACTTC  
CTGAAAGAACGCCTGGACCAATGCTCAGGTGCTTTGAGCGTCCATTAGAGACCTTGCTATCACTCATT  
GCAGGCTTTCAGAATTAGACATGAGGTATCTGTCCAGTGTCCAAGCATCCATCAGCTCAAATACCTGGA  
CATGAGTTACACCACCTCAAGCCTTCAAGTATCGATTTCTAGGAAGCCTACTAGAAAGACTGACAGCT  
ACTCTGCAGACATTAATTTGGAGTGTTCACCTCACGGACTTCCAAATCCGTGACCTTCTGCCTGGGC  
TGAGCCAGTGTCCAGCTCACTGAAGTTGATATTGCGATGAATGAATTTCCGTGGTCAAGCTGAAGAA  
GCTGCTGAAGCATACGGCCAACCTCACACAGCTGACCCTGGAGAAGTACCCTGCCCTGTTGAAGTCTAT  
GATGACGGTCATAGTGTATTTAGACAGATTTGTACAACCTTGTCTGAGCTTATGAACACACTCAAGG  
GTGTAAGGCAGGCAAAGCAGGTCTATTTGTGAGTATGCCGTGTTTACGTAATTATGAATTCCTCATTTA  
TAATTTGAAGGCCTGGATTCTTCTGAGCAATTAAGAAGGAGAGGTCTTCTGCGCTCTGATAAATGGA  
GAGCAGGTCTCAAGAGACTCATTACAGTTAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001085418

**Insert Size:** 1503 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\\_001085418.2](#), [NP\\_001078887.1](#)

**RefSeq Size:** 2162 bp

**RefSeq ORF:** 1503 bp

**Locus ID:** 384077

**Cytogenetics:** 4