

## Product datasheet for MC216177

### Pramell (NM\_031377) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids

**Tag:** Tag Free

**Symbol:** Pramell

**Mammalian Cell** Neomycin

**Selection:**

**Vector:** pCMV6-Entry (PSI00001)

**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >MC216177 representing NM\_031377  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGAGCTGCAAGACTCCACCCACACTCCAGGAAGTGGCAGAGAAGCCTCCTGAAGAACCAGGACTTGG  
CTATCTCTGCTCTGGATGACATACCCTCACTTTTCTTCCCACACTGTTCAAAAAGGCCTGCAGAAATAG  
ATATGTTGGGATCATAAAGGCGATGGTGCAGGCGTGGCCCTTCCCCTGTCTTCTCTGGGGCCATGATC  
AGTAGGAAGACTGCCTACAGGAGAATCTTAGAGATTATCCTGTATGGGCTTGATGCCTTGCTTTCCAGAG  
AAGTCCCCACAGCAGGTGCAAGTGCAGTGTGGATTTACGGGTTATGCCTTTGAAGCTGTGGAACAG  
GTTGCCTGTGTTTGGGACTGCTGGCTGCAGTGAAGATCCAGCAGTGGTGGGCCATTGGGAACAGAGGTG  
AAACAGCCAGTGAAGGTGCTGGTAGACTTGGTCTCAAGGAAAGCCCACTAGATTCCACAGAGTCTTCC  
TCGTTCACTGGGTGATAACAGGAATGGTTTGGTGAAGTTGTGCTGTTGCAAGCTGCAGATCTGGGCTAT  
GTCCATGTATTACCACAGAAAACCTTTGGAGATTTGGATCTGGACTCTGTCCAGGAGCTGCGTATGTAC  
TGCATCAGTAATCCTGTCTGCCTGCTTAACCTCGCCCTTACTTGGGTCGCATGAGGAACCTGCGCTGCC  
TCATCCTCTCTACCTCTGGCAGACCTTCTCGATGACCCCGGTGGAGAAGCAGCAGGTTATTACCCAGTT  
CACGTCTCAGTTCCTCAAACCTGAAATGCCTCCAGATCCTGCATCTGGATACTGTCTTCTCTAGAGGGT  
CATCTGGATGAGCTATTCTGGTGGCTGAAGACACCTTAGAGACCTGTCTGTGATTGATTGTAATCTCT  
CAAAATCAGACTGGTTCATATATCTGAGTTCAGTGCACAAGTCAGCTAAAACACCTGAATTTGAAATG  
GGTCAAACTGACCCATTTGAGCCAGAGCCCTTCGAGTTCTGTTACTAAAATCTGCATCTACCCTAACA  
TCCCTGGATTTGGAGGCTGTCAAATGATGGACTCTCAACTCAGTGCCATCCTACCTGCTCTGAGATGCT  
GTACACAGCTACCAAGTTTAATTTCCATGGGAACATATCTCCATGCCTATCCTGAGGGAGCTGGCATA  
TAACGTTGTCAAGCAGAAATCCCAACAGTCAAAGATACGCTTTATCCCAAGCTGTAGTCATCACAGTGGT  
CTGGAGTTTGGAGCCATTCTCAGCCTCATATTGTGTTGTAGATGTGGATCGGACTACTGGGGAGCAAG  
AACAAGTCTTGTGTTTATGCTATTTGTTCTGGAGAATATGTGTTATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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| <b>Restriction Sites:</b>     | Sgfl-Mlul                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>ACCN:</b>                  | NM_031377                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Insert Size:</b>           | 1377 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>OTI Disclaimer:</b>        | 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>Note:</b>                  | Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>RefSeq:</b>                | <u><a href="#">NM_031377.2</a>, <a href="#">NP_113554.1</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>RefSeq Size:</b>           | 2440 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>            | 1377 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Locus ID:</b>              | 83491                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>UniProt ID:</b>            | <u><a href="#">Q99MW3</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cytogenetics:</b>          | 4 E1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Gene Summary:</b>          | May play a role in acrosome development and also in sperm maturation and motility.<br>[UniProtKB/Swiss-Prot Function]                                                                                                                                                                                                                                                                                                                                                                                                   |