

## Product datasheet for **MR214779**

### **Pramef6 (NM\_001085414) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pramef6 (NM_001085414) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pramef6
Synonyms:	Gm13099; OTTMUSG00000010429
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>MR214779 representing NM\_001085414  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGCTTCAAGGACCCACCAACTCCAGCAGCTGGCAAGAAGAAGCCTGCTGAAAGATGAAGCCTTGA  
 CCATCTCTGCTCTGCCGAACCTGCCTGTGCAACTCTCCACCCTCTTCAAGGATGCATTCACCAGCAG  
 ACATCCTAACATACTAAGGCAGATGGTGGCAGCATGGCCTTTCCCAACCCTTCTGTGGGAGCCCTGATG  
 GAGATTCTGACCTGGAGACCCTTAAAGCTGTGCTTGTATGGCCTTGATTTGCTAATGTCACAAAAGGATC  
 GACCTAGCAGGTGGAACCTACAAGTCTTGATTTACGAGATGCCACCAGGACTTCTGGGATGGTTGGGC  
 TGGATTACTTCATGAAGTCTGCTCTCAAGATGTCTTTGGCAAGAACAACCAGTGGGAAATCATCCCATC  
 CTAGGGGAGAAACAGACCGTGACTATAAAAATGAATCTTCCCTCATGTCCCGCCGTCCTCCAAATACC  
 TAAAATATTTGTATCGGTGGGCCAAGGAGAGAAAAATGGGATACAGGTGATCTGTGAGAAGCTGGAGTT  
 TGGGGCCATTCTGCCTATGACCCACTGAATATTTGAAGTTTTTGTGAGCCTCAATCCAGGAATTG  
 GCGATAAACACACGCTGGGATATATATACCCTTGATCACTAGCCCTGGCGTGGGCCGGATGAAAAACC  
 TCCAGAACTCCTTTTCAAGGAAATCTGCATACCTTGGGATAGGCCTTGGGACGTAGAGAAGGAAGCCCT  
 TATTCTTACAGAGATCTTTCCAGTCTCCAACTGCATAAACTCCAGCATCTCTATTTGAATGATGTC  
 TACTTTCTGACTGAACGCTGGACCAATGCTCAGGTGCTTTGAGAGTCCATTAGAGACCCTTGCTATTA  
 CTCACTGCACACTGTGAGAATCAGATATGAGGTATCTGTCCCAGTGTCCAAGCACCACCAGCTCAAACA  
 CCTGGACCTCAGTGGTGTACCTTCATTTAAGCCATCCATTCTAGGAAGCCTGCTAGAAAAGACTGACA  
 GCTACTCTGCAGACATTTAAATTTGAAAGGCTGTATGCTCATGGACTGGCAATCAGTGACCTCCTGCCTG  
 TGCTGAGCCAGTGTCCAGCTCACTGAAGTCGATTTTGTGAAGAAGTCTTGTCCATGGACAGCCTGAA  
 GAAGCTGCTGCAGCATACTGCCAACCTCAAAAGCTGACCCTGGAGAAAGTACCCTGCCCTAATGAAGTC  
 TATGATGACAGTATGGTGTATTCCAGACAGATTTGTGCAACTTTGTTCTGAGCTTATGGACACTCA  
 AGGGTGTAAAGCAGCAAAGCAGGTCTACTTTGTAGGCCCTTCCCTGCCAGCTCATTCTTGATCTTTCA  
 GACTGTA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR214779 representing NM\_001085414  
 Red=Cloning site Green=Tags(s)

MSFKDPPTLQQLARRSLLKDEAL TISALPNLPVQLFPPLFKDAFTSRHPNILRQMVAAWPFPTLPVGLM  
 EIPDLETLKAVLDGLDLLMSQKDRPSRWNLQVLDLRDAHQDFWDGWAGLLHEVCSQDVFGNQPVGNHPI  
 LGEKQTVTIKMNLSLMSRRPSKYLYRWAERKNGIQVICEKLEFGAIPAYDPLNLIKVFDAASIQEL  
 AINTRWDIYTLASLAPGVGRMNKQLLFKEICIPWDRPWDVEKEALILTEIFSQFSKHLKHLQLYLN  
 YFLTERLDQMLRCFESPLETLAITHCTLSESDMRYLSQCPSTHQLKHLDL SGVTFILSHPFLGSLLE  
 ATLQTLKLGCMMDWQISDLLPVLSQCSQLTEVDFVKNFLSMDSLKLLQHTANLTKLTLEKYPAPNEV  
 YDDSDGVIIPDRFVQLCSELMDTLKGVRQPKQVYFVGSPASSFLIFQTV

**TR**TRPLEQKLI SEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mm9063\\_h10.zip](https://cdn.origene.com/chromatograms/mm9063_h10.zip)

**Restriction Sites:**

Sgfl-Mlul

**Cloning Scheme:**


**ACCN:** NM\_001085414

**ORF Size:** 1407 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_001085414.2](#), [NP\\_001078883.2](#)

**RefSeq Size:** 1487 bp

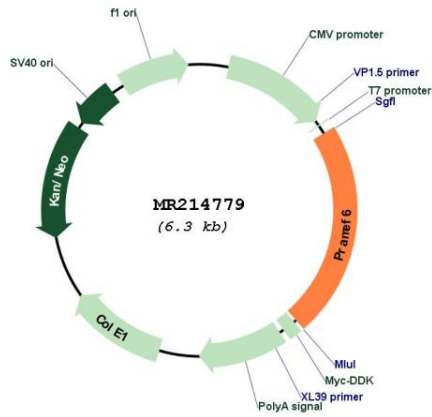
**RefSeq ORF:** 1410 bp

**Locus ID:** 195555

**Cytogenetics:** 4 E1

**MW:** 53.7 kDa

Product images:



Circular map for MR214779