

## Product datasheet for **MR212330**

### **Pramef20 (NM\_001115077) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pramef20 (NM_001115077) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pramef20
Synonyms:	EG627009; Gm13125; OTTMUSG00000010547
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR212330 representing NM\_001115077  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGCAGCAAGCCCTTACTCACACTCCAAGAGCTGGCAGCCAGAACATTCTGAGGAATGAGGCTTTGG  
 CCATCAGCGCTTTGCAGTACTTACCTGAACTATTCTTACCACAACGTGTTGAAGCAAGCCTACGATGGTAA  
 CCATCTTAAGGTCTGAGGGCAATAGTATCTTCCCTGGCCTTTCCCTCGCCTTCTCTTGGAGCTCTGAAG  
 AAGAGAACACCCTACTTGGAGACTCAATTACAAGTTGTCTTAGAGGAGGTTGATAAGCTGCTTATCCAGG  
 AGGTTACCCCAGGGAGTACAACTAGAAGTGTGGATTACGGTCTGTGGGACAAAACATTTTGAATGT  
 GTGGCCTGGGGCCATGGATGACTGGTTACCCAAGACCCTCAAACAGATCCTTGTCTTCTAAGACAGTA  
 ATGACACAGCCCTTGAAGTACTAGTGGACTTGCAGCTCAACAATAGAGGCCAGAGTAGGCTGTTCTCT  
 ACCTCGTTCAGTGGAGTGATAGGAGGAAAGGGTGTACAGCTGTACTGTAAAGCTTCAGATCTGGTC  
 ACCATCCCAAAAACACTACAGGAAGCTCTCACAAAAGGTGAACCTGGACTATGTGAAACACTGGGCCTG  
 CATTCTCTGCACTCCATCCTTCTTGCTTAACCTTGTCTTACTTGGCCAAAATGAGGAACTTGCCTA  
 AACTTGCTCTCTCCAACATCCGTGAAGAACACATTATCTCTCCGAGAAGAGGAGGTGTATCATCCAG  
 GTTCACCTTGAGATCCTTAAGCTGGAGAGCCTCCAGAAGCTGCATCTAGATGCTGTCTGCTTCTTGAG  
 GGACACCTAGACCAGCTGCTTGGGTCCGTGAAGACCTCCTTGGATGAACTGGCAGTGACTCACTGTAATC  
 TCTCAGTATCAGAATGGAGCCATTTTCTGAGTCCCATGTGTCACTGAGTTGCAACAACGAATTTGGA  
 AAATGTCAGATTGACTGGTTTAACTCTGAACCTCTCCAAGTTCTGTTAGTAAAAGCTGGACCCACCCTG  
 GTGGCCTTGGACTTGGAGACTGTCACCTGAAGTGGCAGCTCTATGCCATCTACCTGCCCTGAGCA  
 AGTGGTTCAAGCTCACCAAGTTCAAGTTTCTATGGGAACCAAATCTCTATGCTTGGCCTGAAGGACTACT  
 ACACCACACTGCCAGCTTGATACATCTAAGGCTGGAGCTATACCCTGTTCTCCTCAGGACAGTTATGACTAC  
 CATGGTACTCCCCTCATGCAAAGGATGCAACAACATTGTGATGAGCTTATGAATCTACTGAAAACATTTA  
 GGAATCCAGGCAGAGTCTTCTCGGTAAGTACTGACCGCTGTGATCAGTCTGCAATAGATATATCTATAACA  
 AACATTATGTGTAATTGTCGGAGATCTTAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR212330 representing NM\_001115077  
 Red=Cloning site Green=Tags(s)

MSSKPLLTQLQELAAQNILRNEALAISALQYLPFLPQLLKQAYDGNHLKVLRAIVSSWPFPRPLGALK  
 KRTPYLETQLQVLEEVDKLLIQEVHPREYKLEVLDLRSVGNQYLNWVPGAMDDWLPKTTQTDPCCSKT  
 MTQPLKVLVDLQLNNRGQSRLFVQWSDRRKGLLQLYCNKLQIWSQSQQNYRKLQKVNLDYVETLGL  
 HSSCSPSFLNFAPYLRQMRNLRKALSNIREEHIISPEKRRCIITRFTLQILKLESQKLHLDAVCFLE  
 GHLDQLLGSVKTSLELAVTHCNLSVSEWSHFSEFPCVSQLQQLNLENVRLTGLSPEPLQVLLVKAGPTL  
 VALDLEDCHLEDGQLYAILPALSKCFKLTFSFYGNQISMLAMKDLLHHTASLIHLRLELYPVPQDSYDY  
 HGTPLMQRMQHCDELMLNLLKFRNPGRVFFGTRDRCQCCNRYIYNKTIMCNCRRSY

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mm9073\\_c05.zip](https://cdn.origene.com/chromatograms/mm9073_c05.zip)

**Restriction Sites:**

Sgfl-Mlul

**Cloning Scheme:**


**ACCN:** NM\_001115077

**ORF Size:** 1431 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\\_001115077.1](#), [NP\\_001108549.1](#)

**RefSeq Size:** 1434 bp

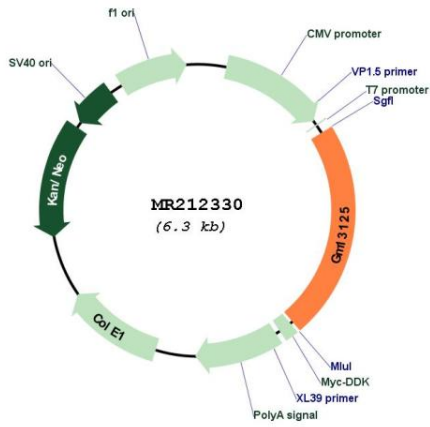
**RefSeq ORF:** 1434 bp

**Locus ID:** 627009

**Cytogenetics:** 4

**MW:** 55.1 kDa

Product images:



Circular map for MR212330