

## Product datasheet for **RR206717**

### **Pamr1 (NM\_001107755) Rat Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Pamr1 (NM\_001107755) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Pamr1  
**Synonyms:** Ramp; RGD1308745  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR206717 representing NM\_001107755  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGAGCTGGACCGATGGGCACAGTTGGGGCTCGCGTTCCTGCAGCTCCTTCTCATCTCATATTGCCAA  
GAGAATACACGGTCATTAACGAAGCCTGCCCGGAGCTGAGTGGAAACATCATGTGTAGAGAGTGTGTGA  
ATATGATCAGATTGAGTGATCTGCCAGAAAGAAGGAAGTGGTGGTTATACCATCCCATGCTGCAGG  
AACGAGGATAACGAATGCGACTCCTGTCTAATTCACCCAGGTTGTACCATCTTTGAAAACCTGCAAGAGCT  
GCCGGAATGGCTCGTGGGGCGGAACTCTGGACGACTTCTACGTGAAGGGATTCTACTGTGCAGAGTGCAG  
AGCAGGCTGGTACGGAGGGGACTGTATGCGATGTGGCCAGGTTCTTCGAGCTTCGAAGGGTCCAGATCTTG  
TTGAGAGCTATCCCTTAAATGCTCACTGTGAATGGACCATTCATGCCAGACCTGGGTTTATCATCCAGC  
TGAGGTTTAGCATGTTGAGCCTGGAGTTTGACTACATGTGCCAATATGACTATGTTGAGGTCCGTGATGG  
GGATAACAGCGACAGCCCTTTATCAAGCGTCTCTGTGGCAACGAGAGGCCAGCTCCCATCAGGAGCACT  
GGCTCTTCACTCCATGTCCTTTTCCATTCTGATGGCTCCAAGAACTTCGATGGCTCCACAGCTGCCTTTG  
AGGAGATCACAGCGTGTTCCTCATCGCCTGTTTTTCATGATGGTACATGCATCCTTGACACCACCTGGGTC  
TTTCAAGTGTGCCTGTCTGGCTGACTACACTGGGCCCGCTGTGAAAACCTTCTTGAAGAAAGAACTGC  
TCAGACCTTGGGGCCAGTCAATGGGTACAAGAAAATCACAGGAGGTCCTGGACTTCTCAATGAGCGCC  
ACGTAATAATGGCACGGTTGTGTCTTTCTTTGTAATGGCTCATACGTTCTGAGTGGCAACGAGAAAAG  
AACTTGCCAGCAGAACGGAGAGTGGTCAGGAAAACAGCCTGTCTGCATGAAAGGTAAGTAACTCACAGTCATC  
TCTGGATTCTACAGATGTATA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR206717 representing NM\_001107755  
 Red=Cloning site Green=Tags(s)

MELDRWAQLGLAFLQLLLISSLPREYTVINEACPGAENWIMCRECCEYDQIEICIPGKKEVVGYTIPCCR  
 NEDNECDSLIHPGCTIFENCKSCRNGSWGGLDDFYVKGFYCAECRAGWYGGDCMRCGQVLRASKGQIL  
 LESYPLNAHCEWTIHARPGFIIQLRFSMLSLEFDYMCQYDYVEVRDGDNSDPLIKRLCGNERPAPIRST  
 GSSLHVLVHSDGSKNFDGFHAAFEIITACSSSPCFHDGTCILDTTGSKACLAGYTGPNCENLLEERN  
 CSDLGGPVNGYKKITGGPGLLNERHVKIGTVVSSFCNGSYVLSGNEKRTCQQNGEWSGKQPVMCKGKLTVI  
 SGFYRCI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

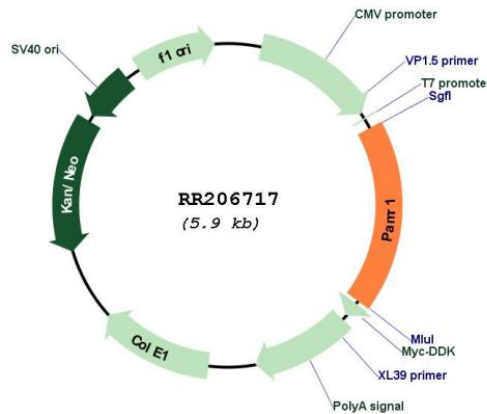
**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001107755

<b>ORF Size:</b>	1071 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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>	<a href="#">NM_001107755.1</a> , <a href="#">NP_001101225.1</a>
<b>RefSeq Size:</b>	2237 bp
<b>RefSeq ORF:</b>	1074 bp
<b>Locus ID:</b>	311252
<b>Cytogenetics:</b>	3q32
<b>MW:</b>	39.7 kDa