

## Product datasheet for **MC221121**

### **Pamr1 (NM\_173749) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pamr1 (NM_173749) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pamr1
Synonyms:	5930437L24; E430002G05Rik; Ramp
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC221121 representing NM\_173749  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGAGCTAGACAGATGGGCGCAGTTGGGGCTGGTGTTCCTGCAGCTCCTTCTCATCTCATCGTTGCCAA  
 GAGAGTACACGGTCATTAAATGAAGCCTGTCCCGAGCTGAGTGGAAACATCATGTGTAGAGAATGTTGTGA  
 ATATGATCAGATTGAATGCCTCTGCCAGAAAGAAGGAAGTGGTGGTTACACCATCCCATGCTGCAGG  
 AATGAGGATAATGAATGTGACTCCTGTCTAATTCACCCAGGTTGTACCATCTTTGAAAACTGCAAGAGCT  
 GCCGCAATGGCTCCTGGGCGGAACTCTGGATGACTTCTACGTGAAGGGATTCTACTGCGCAGAGTGCAG  
 GGCAGGCTGGTACGAGGAGACTGCATGCGATGTGGCCAGGTTCTTCGAGCCTCAAAGGGTCAGATCTTG  
 TTGGAGAGCTATCCCTAAACGCTCACTGTGAATGGACTATTCATGCCAGACCTGGGTTTATCATCCAGT  
 TGAGGTTTGGTATGCTGAGCCTAGAGTTTGACTACATGTGCCAATATGACTATGTGGAGGTCGCGATGG  
 GGATAATAGTGACAGCCCTATCATCAAGCGTTTCTGTGGCAACGAGAGGCCAGCTCCCATCAGGAGCACT  
 GGCTCTCACTCCATGTCTTTCCATTCTGATGGCTCCAAGAACTTCGATGGCTCCACCGCTGTCTTTG  
 AGGAGATCACAGCGTGTCTCATCCCCTGTTTCCATGATGGCACATGCCTCCTTGACACCACTGGGTC  
 TTTCAAGTGTGCCTGCCTGGCTGGCTACACTGGGCAGCGCTGTGAAAATCTACTTGAAGAAAGAAACTGC  
 TCAGACCTTGGGGGGCCAGTCAATGGGTACAAGAAAATCACAGAAGGTCCTGGACTTCTCAATGAGCGCC  
 ATGTAAAAATGGCACGGTTGTGTCTTTCTTTGTAAACGGCTCATACGTTCTGAGTGGCAATGAGAAAACG  
 AACTTGCCAGCAGAATGGAGAGTGGTCAGGAAAGCAACCTGTCTGCATGAAAGCCTGCCGGGAACCGAAG  
 ATCTCAGACCTGGTGAGAAGGAGAGTCTTTTCGATGCAGGTTCAAGGGAGACACCATTACATCAGC  
 TTTATTTCCACGGCTTTTCAGCAAGCAGAAAATTCAGGATGCCTCTACCAAAAAGCCAGCCCTTCCATTTGG  
 AGACCTGCCCCCTGGATACCAACATCTGCACACCCAAGTCCAGTATGAGTGCATCTCGCCCTTCTACCGC  
 CGCTGGGAAGCAGCAGGAGGACATGCCTGAGAACTGGGAAGTGGAGTGGGCGGGCCCCGTCTGTATCC  
 CAATCTGTGAAAAATCGAGAGCACTCCTTCTCCAAGACCCAAGGCACCCGCTGGCCATGGCAGGCAGC  
 CATCTACCGGAGGACCAGTGGTGTACACGATGGTGGTCTGCACAAAGGTGCATGGTTCTTGGTCTGCAGT  
 GGTGCCCTGGTGAATGAACGGACTGTGGTTGTGGCTGCCACTGTGTGACTGAGCTGGGGAAGGCCACCA  
 TCATCAAGACAGCAGACCTCAAGGTTGTCTTGGGAAAATCTACAGGGACGATGATCGGGATGAGAAGAG  
 CATCCAGAATTTACGGGTTTCTGCTATCATTCTGCACCCCAACTATGACCCTATCCTGCTTGACACTGAC  
 ATCGCTGTTCTGAAGCTCCTAGACAAAGCTCGCATCAGTACCCGTGTCCAACCCATCTGCCTGGCTACCA  
 CTGGGACCTCAGCACCTTTCCAGGAATCCCATCACTGTGGCTGGCTGGAACATCCTGGCAGATGT  
 GAGGAGCCCTGGCTTTAAGAATGATACCTTACATTATGGAATGGTCAGAGTGGTAGACCCAAATGCTTTGT  
 GAGGAACAGCATGAAGACCATGGCATTCCAGTTAGTGTCACTGACAACATGTTCTGTGCCAGCAAAGATC  
 CAGTACCCCTTCTGACATCTGCACTGCAGAGACAGGGGGCATCGCTGCTTTGTCCTTCCAGGCCGAGC  
 ATCCCCGAGCCACGCTGGCATTGGTGGGGCTGGTCAGCTGGAGCTATGACAAGACATGTAGCAATGGC  
 CTATCCACAGCCTTCACAAAGGTGTTGCCGTTCAAAGACTGGATTGAGAGAAACATGAAATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_173749  
**Insert Size:** 2163 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).

<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>	<u><a href="#">NM_173749.4</a></u> , <u><a href="#">NP_776110.3</a></u>
<b>RefSeq Size:</b>	2855 bp
<b>RefSeq ORF:</b>	2163 bp
<b>Locus ID:</b>	210622
<b>UniProt ID:</b>	<u><a href="#">Q8BU25</a></u>
<b>Cytogenetics:</b>	2 E2
<b>Gene Summary:</b>	May play a role in regeneration of skeletal muscle.[UniProtKB/Swiss-Prot Function]