

## Product datasheet for **SC337189**

### **PAMR1 (NM\_001282675) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	PAMR1 (NM_001282675) Human Untagged Clone
Tag:	Tag Free
Symbol:	PAMR1
Synonyms:	DKFZP586H2123; FP938; RAMP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_001282675, the custom clone sequence may differ by one or more nucleotides

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ATGTGTCGGGAGTGTCTGTAATATGATCAGATTGAGTGCCTCTGCCCCGAAAGAGGGAAGTCGTGGGTT
ATACCATCCCTTGTCTGCAGGAATGAGGAGAATGAGTGTGACTCCTGCCTGATCCACCCAGGTTGTACCAT
CTTTGAAAACGCAAGAGCTGCCGAAATGGCTCATGGGGGGTACCTTGGATGACTTCTATGTGAAGGGG
TTCTACTGTGCAGAGTGCCGAGCAGGCTGGTACGGAGGAGACTGCATGCGATGTGGCCAGGTTCTGCGAG
CCCCAAAGGGTCAAGATTTTGTGAAAGCTATCCCTAAATGCTCACTGTGAATGGACCATTTCATGCTAA
ACCTGGGTTTGTCCAACTAAGATTTGTGATGTTGAGCCTGGAGTTTACTACATGTGCCAGTATGAC
TATGTTGAGGTTCTGTGATGGAGACAACCGCATGGCCAGATCATCAAGCGTGTCTGTGGCAACGAGCGGC
CAGCTCCTATCCAGAGCATAGGATCCTCACTCCACGTCTCTTCCACTCCGATGGCTCCAAGAATTTTGA
CGGTTTCCATGCCATTTATGAGGAGATCACAGCATGCTCCTCATCCCCTGTTTCCATGACGGCACGTGC
GTCCTTGACAAGGCTGGATCTTACAAGTGTGCTGCTTGGCAGGCTATACTGGGCAGCGCTGTGAAAATC
TCCTTGAAGAAAGAACTGCTCAGACCTGGGGGCCAGTCAATGGGTACCAGAAAATAACAGGGGGCCC
TGGGCTTATCAACGGACGCCATGCTAAAATTGGCACCGTGGTGTCTTTCTTTTGAACAACCTCTATGTT
CTTAGTGGCAATGAGAAAAGAACTTGCCAGCAGAAATGGAGAGTGGTCAGGAAAACAGCCCATCTGCATAA
AAGCCTGCCGAGAACCAAGATTTAGACCTGGTGAAGGAGAGTCTTCCGATGCAGGTTTCAGTCAAG
GGAGACACCATTACACCAGCTATACTCAGCGGCCCTCAGCAAGCAGAACTGCAGAGTGGCCCTACCAAG
AAGCCAGCCCTTCCCTTTGGAGATCTGCCATGGGATACCAACATCTGCATACCCAGCTCCAGTATGAGT
GCATCTCACCTTCTACCGCCGCTGGGCAGCAGCAGGAGGACATGTCTGAGGACTGGGAAGTGGAGTGG
GCGGGCACCATCCTGCATCCCTATCTGCGGGAAAATTGAGAATCACTGCTCCAAGACCCAAGGGTTG
CGCTGGCCGTGGCAGGCAGCCATCTACAGGAGGACCAGCGGGTGCATGACGGCAGCCTACACAAGGGAG
CGTGGTTCTAGTCTGCAGCGGTGCCCTGGTGAATGAGCGCACTGTGGTGGTGGCTGCCACTGTGTTAC
TGACCTGGGGAAGGTACCATGATCAAGACAGCAGACCTGAAAAGTTGTTTTGGGGAATTCTACCGGAT
GATGACCGGGATGAGAAGACCATCCAGAGCCTACAGATTTCTGCTATCATTCTGCATCCCAACTATGACC
CCATCCTGCTTGATGCTGACATCGCCATCCTGAAGCTCCTAGACAAGGCCCGTATCAGCACCCGAGTCCA
GCCATCTGCCTCGCTGCCAGTGGGATCTCAGCACTTCTTCCAGGAGTCCCACATCACTGTGGCTGGC
TGGAAATGCTTGGCAGACGTGAGGAGCCCTGGCTTCAAGAACGACACACTGCGCTCTGGGGTGGTCAGTG
TGGTGGACTCGCTGCTGTGTGAGGAGCAGCATGAGGACCATGGCATCCCAGTGAGTGTCACTGATAACAT
GTTCTGTGCCAGTGGGAACCCACTGCCCTTCTGATATCTGCACTGCAGAGACAGGAGGCATCGCGGCT
GTGTCCTTCCCGGACGAGCATCTCCTGAGCCAGCTGGCATCTGATGGGACTGGTCAGCTGGAGCTATG
ATAAAACATGCAGCCACAGGCTCTCCACTGCCTTACCAAGGTGTGCTCTTTAAAGACTGGATTGAAAG
AAATATGAAATGA
    
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**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001282675

**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).

**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).

<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>NM_001282675.1, NP_001269604.1</u>
<b>RefSeq Size:</b>	3141 bp
<b>RefSeq ORF:</b>	2043 bp
<b>Locus ID:</b>	25891
<b>UniProt ID:</b>	<u>Q6UXH9</u>
<b>Cytogenetics:</b>	11p13
<b>Protein Families:</b>	Druggable Genome, Protease
<b>Gene Summary:</b>	May play a role in regeneration of skeletal muscle.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) differs in the 5' UTR, lacks a portion of the 5' coding region, uses a downstream in-frame translational start codon, and lacks an in-frame exon in the central coding region, compared to variant 1. The encoded isoform (c) is shorter at the N-terminus, compared to isoform a.