

Product datasheet for **RC239077**

PAMR1 (NM_001282676) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PAMR1 (NM_001282676) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	PAMR1
Synonyms:	DKFZP586H2123; FP938; RAMP
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RC239077 representing NM_001282676
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGCTGGGTTGCTGGACGCAGTTGGGGCTCACTTTTCTTCAGCTCCTTCTCATCTCGTCTTGGCAA
 GAGAGTACACAGTCATTAATGAAGCCTGCCTGGAGCAGAGTGGAAATATCATGTGTGGGAGTGGCTGGA
 ATATGATCAGATTGAGTGCCTGCCCGGAAAGAGGGAAGTCGTGGGTTATACCATCCCTTGTGCAGG
 AATGAGGAGAATGAGTGTGACTCCTGCCTGATCCACCCAGGTTGTACCATCTTTGAAAAGTCAAGAGCT
 GCCGAAATGGCTCATGGGGGGTACCTTGGATGACTTCTATGTGAAGGGGTTCTACTGTGCAGAGTGCCG
 AGCAGGCTGGTACGGAGGAGACTGCATGCCATGCTCCTCATCCCCTTGTTCATGACGGCAGTGCCTC
 CTTGACAAAGGCTGGATCTTACAAGTGTGCCTGCTTGGCAGGCTATACTGGGCAGCGCTGTAAAACTCC
 TTGAAGAAAGAACTGCTCAGACCCTGGGGGCCAGTCAATGGGTACCAGAAAATAACAGGGGGCCCTGG
 GCTTATCAACGGACGCCATGCTAAAATTGGCACCGTGGTGTCTTTCTTTTGAACAACCTCTATGTTCTT
 AGTGGCAATGAGAAAAGAACTTGCAGCAGAAATGGAGAGTGGTCAGGAAACAGCCCATCTGCATAAAAG
 CCTGCCGAGAACCAAGATTTACAGACCTGGTGAGAAGGAGAGTCTTCCGATGCAGGTTCAAGGGA
 GACACCATTACACCAGCTATACTCAGCGCCCTTACGAAGCAGAAAGTGCAGAGTGCCCTACCAAGAAG
 CCAGCCCTTCCCTTTGGAGATCTGCCATGGGATACCAACATCTGCATACCCAGCTCCAGTATGAGTGCA
 TCTCACCTTCTACCGCCGCTGGGCAGCAGCAGGAGGACATGTCTGAGGACTGGGAAGTGGAGTGGCG
 GGCACCATCCTGCATCCCTATCTGCGGGAAAATTGAGAACATCACTGCTCCAAAGACCAAGGGTGGCG
 TGGCCGTGGCAGGACCCATCTACAGGAGGACCAGCGGGTGCATGACGGCAGCCTACACAAGGGAGCGT
 GGTTCTAGTCTGCAGCGGTGCCCTGGTGAATGAGCGCACTGTGGTGGTGGCTGCCCACTGTGTTACTGA
 CCTGGGGAAGGTACCATGATCAAGACAGCAGACCTGAAAGTTGTTTTGGGAAATTCTACCGGGATGAT
 GACCGGGATGAGAAGACCATCCAGAGCCTACAGATTTCTGCTATCATTCTGCATCCCAACTATGACCCCA
 TCCTGCTTGTGCTGACATCGCCATCCTGAAGCTCCTAGACAAGGCCCGTATCAGCACCCGAGTCCAGCC
 CATCTGCCTCGTGCAGTCCGGATCTCAGCACTTCTTCCAGGAGTCCACATCACTGTGGCTGGCTGG
 AATGTCCTGGCAGACGTGAGGAGCCCTGGCTTCAAGAACGACACACTGCGCTCTGGGGTGGTCAAGTGG
 TGGACTCGCTGCTGTGTGAGGAGCAGCATGAGGACCATGGCATCCAGTGTGACTGATAACATGTT
 CTGTGCCAGTGGGAACCACTGCCCTTCTGATATCTGCACTGCAGAGACAGGAGGCATCGCGGCTGTG
 TCCTTCCCGGACGAGCATCTCCTGAGCCAGCTGGCATCTGATGGGACTGGTCACTGGAGCTATGATA
 AAACATGCAGCCACAGGCTCTCCACTGCCTTACCAAGGTGCTGCCTTTAAAGACTGGATTGAAAGAAA
 TATGAAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC239077 representing NM_001282676
 Red=Cloning site Green=Tags(s)

MELGCWTLGLTFLQLLLISSLPREYTVINEACPGAENWIMCRECEYDQIECVCPGKREVVGTYIPCCR
 NEENECDSCLIHPGCTIFENCKSCRNGSWGTLDDFYVKGFYCAECRAGWYGGDCMPCSSSPCFHDGTCV
 LDKAGSYKCACLAGYTGQRCENLLEERNCSDPGGPVNGYQKITGGPGLINGRHAKIGTVVSFFCNNSYVL
 SGNEKRTCQNGEWSGKQPIKICAKREPKISDLVRRRVLPMQVQSRETPHLQLYSAAFSKQKLSAPTKK
 PALPFGDLPMGYQLHTQLQYECISPFYRRLGSSRRTCLRTGKWSGRAPSCIPICGKIENITAPKTQGLR
 WPWQAAIYRRTSGVHDGSLHKGAWFLVCSGALVNERTVVVAHCVTDLGKVTMIKTADLKVVLGKFYRDD
 DRDEKTIQSLQISAIILHPNYDPIILLDADIAILKLLDKARISTRVQPICLAASRDLSFQESHITVAGW
 NVLADVRSPGFKNDFLRSGVSVVDSLLCEEQHEDHGIPVSVTDNMFCAWEPTAPSDICTAETGGIAAV
 SFPGRASPEPRWHLMGLVSWSYDKTCSHRLSTAFTKVLPFKDWIERNMK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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:	<ol style="list-style-type: none">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_001282676.1 , NP_001269605.1
RefSeq Size:	2818 bp
RefSeq ORF:	1830 bp
Locus ID:	25891
UniProt ID:	Q6UXH9
Cytogenetics:	11p13
Protein Families:	Druggable Genome, Protease
MW:	68 kDa
Gene Summary:	May play a role in regeneration of skeletal muscle.[UniProtKB/Swiss-Prot Function]