

Product datasheet for **RC239295**

PAMR1 (NM_001282675) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PAMR1 (NM_001282675) 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



[View online »](#)

ORF Nucleotide Sequence:

>RC239295 representing NM_001282675
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTGTCGGGAGTGTGTGAATATGATCAGATTGAGTGCCTCTGCCCGAAAGAGGGAAGTCGTGGGTT
 ATACCATCCCTTCTGTCAGGAATGAGGAGAATGAGTGTGACTCCTGCCTGATCCACCCAGGTTGTACCAT
 CTTTGAAAACGCAAGAGCTGCCGAAATGGCTCATGGGGGGTACCTTGATGACTTCTATGTGAAGGGG
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 CCCCAAAGGGTCAGATTTTGTGGAAAGCTATCCCTAAATGCTCACTGTGAATGGACCATTTCATGCTAA
 ACCTGGGTTTGTCACTCAACTAAGATTTGTGATGTTGAGCCTGGAGTTTGACTACATGTGCCAGTATGAC
 TATGTTGAGGTTCTGTGATGGAGACAACCGCATGGCCAGATCATCAAGCGTGTCTGTGGCAACGAGCGGC
 CAGCTCCTATCCAGAGCATAGGATCCTCACTCCACGTCCTTCCACTCCGATGGCTCCAAGAATTTTGA
 CGGTTTCCATGCCATTTATGAGGAGATCACAGCATGCTCCTCATCCCTTGTTTCCATGACGGCAGGTGC
 GTCTTGACAAGGCTGGATCTTACAAGTGTGCCTGCTTGGCAGGCTATACTGGGCAGCGCTGTGAAAATC
 TCCTTGAAGAAAGAACTGCTCAGACCCCTGGGGGCCAGTCAATGGGTACCAGAAAATAACAGGGGGCCC
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 AAGCCAGCCCTTCCCTTGGAGATCTGCCATGGGATACCAACATCTGCATACCCAGCTCCAGTATGAGT
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 GCCCATCTGCCTCGCTGCCAGTCGGGATCTCAGCACTTCTTCCAGGAGTCCACATCACTGTGGCTGGC
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 GTGTCTTCCCGGACGAGCATCTCCTGAGCCAGCTGGCATCTGATGGGACTGGTCAGCTGGAGCATG
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 AAATATGAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC239295 representing NM_001282675
 Red=Cloning site Green=Tags(s)

MCRECCEYDQIECVCPGKREVVGTYIPCCRNEENECDSCLIHPGCTIFENCKSCRNGSWGGLDDDFYVKG
 FYCAECRAGWYGGDCMRGQVLRAPKQGILLESYPLNAHCEWTIHAKPGFVIQLRFVMLSLEFDYMCQYD
 YVEVRDGDNRDGGQIIKRVCGNERPAPIQSIGSSLHVLFHSDGSKNFDGFHAIYEEITACSSPCFHDGTC
 VLDKAGSYKCACLAGYTQRCENLLEERNCSDPGGPVNGYQKITGGPGLINGRHAKIGTVVSFFCNSYV
 LSGNEKRTCQNGEWSGKQPICIKACREPKISDLVRRRVLPMQVQSRETPHLQLYSAAFSKQKLQSAPTK
 KPALPFGDLPNGYQHLHTQLQYECISPFYRRLGSSRRTCLRTGKWSGRAPSCIPICGKIENITAPKTQGL
 RWPWQAAIYRRTSGVHDGSLHKGAWFLVCSGALVNERTVVVAHCVTDLGKVTMIKTADLKVVLGKFYRD
 DDRDEKTIQSLQISAIILHPNYDPIILLDADIAILKLLDKARISTRVQPICLAASRDLSFQESHITVAG
 WNVLADVRSPGFKNDTLRSGVSVVDSLLCEEQHEDHGIPVSVTDNMFCASWEPTAPSDICTAETGGIAA
 VSFPGRASPEPRWHLMGLVSWSYDKTCSHRLSTAFTKVLPFKDWIERNMK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

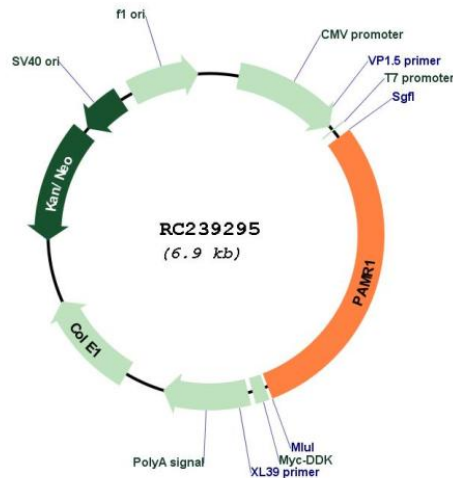
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001282675

ORF Size: 2040 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_001282675.1](#), [NP_001269604.1](#)

RefSeq Size: 3141 bp

RefSeq ORF:	2043 bp
Locus ID:	25891
UniProt ID:	Q6UXH9
Cytogenetics:	11p13
Protein Families:	Druggable Genome, Protease
MW:	76.1 kDa
Gene Summary:	May play a role in regeneration of skeletal muscle.[UniProtKB/Swiss-Prot Function]