

Product datasheet for **RG239077**

PAMR1 (NM_001282676) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PAMR1 (NM_001282676) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	PAMR1
Synonyms:	DKFZP586H2123; FP938; RAMP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG239077 representing NM_001282676.
 Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGAGCTGGGTGTGACGACGAGTTGGGGCTCACTTTTCTCAGCTCCTTCTCATCTCGTCTTGCCA
AGAGAGTACACAGTCATTAATGAAGCCTGCCCTGGAGCAGAGTGAATATCATGTGTCGGGAGTGTGT
GAATATGATCAGATTGAGTGCCTGCCCCGAAAGAGGGAAAGTCGTGGTTATACCATCCCTTGCTGC
AGGAATGAGGAGAATGAGTGTGACTCCTGCCTGATCCACCCAGGTTGTACCATCTTTGAAAAGTGAAG
AGCTGCCGAAATGGCTCATGGGGGGTACCTTGGATGACTTCTATGTGAAGGGTTTACTGTGCAGAG
TGCCGAGCAGGCTGGTACGGAGGAGACTGCATGCCATGCTCCTCATCCCCTTGTTCATGACGGCAGC
TGCGTCTTGACAAGGCTGGATCTTACAAGTGTGCTGCTTGGCAGGCTATACTGGGCAGCGCTGTGAA
AATCTCCTTGAAGAAAGAAACTGCTCAGACCCTGGGGGCCAGTCAATGGGTACCAGAAAATAACAGGG
GGCCCTGGGCTTATCAACGGACCCATGCTAAAATTGGCACCGTGGTGTCTTTCTTTTGAACAACCTCC
TATGTTCTTAGTGCAATGAGAAAAGAAGTCCAGCAGAAATGGAGAGTGGTCAAGGAAACAGCCATC
TGATAAAAGCCTGCCGAGAACCAAGATTTAGACCTGGTGAGAAGGAGAGTCTTCCGATGCAGGTT
CAGTCAAGGGAGACACCATTACACCAGCTATACTCAGCGCCTTCAGCAAGCAGAAAAGTGCAGAGTGCC
CCTACCAAGAAGCCAGCCCTTCCCTTGGAGATCTGCCATGGGATACCAACATCTGCATACCCAGCTC
CAGTATGAGTGCATCTCACCTTCTACCGCCGCTGGGCAGCAGCAGGAGGACATGTCTGAGGACTGGG
AAGTGGAGTGGGCGGCACCATCTGCATCCCTATCTGCGGGAAAATTGAGAATCACTGCTCCAAAG
ACCAAGGGTGGCTGGCCGTGGCAGGAGCCATCTACAGGAGGACCAGCGGGTGCATGACGGCAGC
CTACACAAGGGAGCGTGGTCTTAGTCTGCAGCGGTGCCCTGGTGAATGAGCGCACTGTGGTGGTGGCT
GCCCACTGTGTTACTGACCTGGGAAGGTCACCATGATCAAGACAGCAGACCTGAAAGTTGTTTGGGG
AAATTCTACCGGATGATGACCGGATGAGAAGACCATCCAGAGCCTACAGATTTCTGATCATCATTCTG
CATCCCAACTATGACCCATCCTGCTTGTGCTGACATCGCCATCCTGAAGCTCCTAGACAAGGCCCGT
ATCAGCACCCGAGTCCAGCCATCTGCCTCGTGCAGTCGGGATCTCAGCACTTCTTCCAGGAGTCC
CACATCACTGTGGCTGGTGAATGTCTGGCAGACGTGAGGAGCCCTGGCTTCAAGAACGACACTG
CGCTCTGGGGTGGTCACTGTGGTGGACTCGCTGCTGTGTGAGGAGCAGCATGAGGACCATGGCATCCCA
GTGAGTGTCACTGATAACATGTTCTGTGCCAGCTGGGAACCCACTGCCCTTCTGATATCTGCAGTCA
GAGACAGGAGGCATCGCGCTGTGCTTCCCGGACGAGCATCTCTGAGCCACGCTGGCATCTGATG
GGACTGGTCACTGGAGCTATGATAAAACATGCAGCCACAGGCTCTCCACTGCCTTACCAAGGTGCTG
CCTTTTAAAGACTGGATTGAAAGAAATATGAAA
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence:

>Peptide sequence encoded by RG239077
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MELGCWTLGLTFLQLLLISSLPREYTVINEACPGAENIMCRECEYDQIECVCPGKREVVGTYIPCC
RNEENECDSCLIHPGCTIFENCKSCRNGSWGGTLDDFYVKGIFYCAECRAGWYGGDCMPCSSSPCFHDGT
CVLTKAGSYKCACLAGYTGQRNENLEERNCSDPGGPVNGYQKITGGPGLINGRHAIGTVVFFCNNS
YVLSGNEKRTCQNGEWSGKQPIKICAKREPKISDLVRRRVLPQVQSRTEPLHQLYSAAFSKQKLQSA
PTKKPALPFGDLPNGYQHLHTQLQYECISPFYRRLGSSRRTCLRTGKWSGRAPSCIPICGKIENITAPK
TQGLRWPQAAIYRRTSGVHDGSLHKGAWFLVCSGALVNERTVVVAHCVTDLGKVTMIKTADLKVVLG
KFYRDDDRDEKTIQSLQISAIILHPNYDPIILLADIAILKLLDKARISTRVQPICLAASRDLSFQES
HITVAGWNVLADVRSPGFKNDTLRSGVSVVDSLLCEEQHEDHGIPVSVTDNMFACASWEPTAPSDICTA
ETGGIAAVSFPGRASPEPRWHLMLVSWSYDKTCSHRLSTAFTKVLFPKDWIERNMK
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPEP
SVIFTDKIIIRSNATVEHLHPMGDNDLDGSFTRTFLSRDGGYSSVVDSHMHFKAIIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites:

SgfI-MluI

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).
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]