

Product datasheet for **RG222937**

PAMR1 (NM_015430) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PAMR1 (NM_015430) 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:

>RG222937 representing NM_015430
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGCTGGGTTGCTGGACGCAGTTGGGGCTCACTTTTCTTCAGCTCCTTCTCATCTCGTCTTGGCAA
 GAGAGTACACAGTCATTAATGAAGCCTGCCTGGAGCAGAGTGAATATCATGTGTCGGGAGTGCTGTGA
 ATATGATCAGATTGAGTGCCTGCCCCGAAAGAGGGAAGTCGTGGTTATACCATCCCTTGTGCAGG
 AATGAGGAGAATGAGTGTGACTCCTGCCTGATCCACCCAGTTGTACCATCTTTGAAAACTGCAAGAGCT
 GCCGAAATGGCTCATGGGGGGTACCTTGGATGACTTCTATGTGAAGGGTTCTACTGTGCAGAGTGCCG
 AGCAGGCTGGTACGGAGGAGACTGCATGCGATGTGGCCAGTTCTGCGAGCCCCAAAGGGTCAGATTTTG
 TTGAAAGCTATCCCCTAAATGCTCACTGTGAATGGACCATTATGCTAAACCTGGGTTTGTCCATCAAC
 TAAGATTTGTGATGTTGAGCCTGGAGTTTACTACATGTGCCAGTATGACTATGTTGAGGTTCTGTATGG
 AGACAACCGCATGGCCAGATCATCAAGCGTGTCTGTGGCAACGAGCGGCCAGCTCCTATCCAGAGCATA
 GGATCCTCACTCCACGTCTCTTCCACTCCGATGGCTCCAAGAATTTTGACGGTTTCCATGCCATTTATG
 AGGAGATCACAGCATGCTCCTCATCCCCTGTTTCCATGACGGCACGTGCGTCTTGACAAGGCTGGATC
 TTACAAGTGTGCCTGCTTGGCAGGCTATACTGGGCAGCGCTGTGAAAATCTTCTGGAGGCTGGGAAGTCC
 AAGATCAAGGCGTCAGAAGATTCATTGTCTGTCCTTGAAGAAAGAACTGCTCAGACCCTGGGGGCCAG
 TCAATGGGTACCAGAAAATAACAGGGGGCCCTGGGCTTATCAACGGACGCCATGTAAAATTGGCACCGT
 GGTGTCTTTCTTTTGAACAACCTCTATGTTCTTAGTGCAATGAGAAAAGAACTGCCAGCAGAATGGA
 GAGTGGTCAGGAAACAGCCCATCTGCATAAAAGCCTGCCGAGAACCAAGATTTTCAGACCTGGTGAGAA
 GGAGAGTTCTTCCGATGCAGGTTCAAGGGAGACACCATTACACCAGCTATACTCAGCGGCCCTCAG
 CAAGCAGAAACTGCAGAGTGCCCTACCAAGAAGCCAGCCCTTCCCTTTGGAGATCTGCCATGGGATAC
 CAACATCTGCATACCCAGCTCCAGTATGAGTGCATCTCACCCCTTCTACCGCCGCTGGGCAGCAGCAGGA
 GGACATGTCTGAGGACTGGGAAGTGGAGTGGGCGGGCACCATCCTGCATCCCTATCTGCGGGAAAATTGA
 GAACATCACTGCTCCAAAGACCAAGGGTTGCGCTGGCCGTGGCAGGCAGCCATCTACAGGAGGACCAGC
 GGGGTGCATGACGGCAGCCTACACAAGGGAGCGTGGTTCTAGTCTGCAGCGGTGCCCTGGTGAATGAGC
 GCACTGTGGTGGTGGCTGCCACTGTGTTACTGACCTGGGGAAGGTCACCATGATCAAGACAGCAGACCT
 GAAAGTTGTTTTGGGAAATTCTACCGGATGATGACCGGGATGAGAAGACCATCCAGAGCCTACAGATT
 TCTGCTATCATTCTGCATCCCAACTATGACCCCATCCTGCTTGATGCTGACATCGCCATCCTGAAGCTCC
 TAGACAAGGCCCGTATCAGCACCCGAGTCCAGCCCATCTGCCCTCGCTGCCAGTCGGGATCTCAGCACTTC
 CTTCAGGAGTCCACATCACTGTGGCTGGCTGGAATGTCCTGGCAGACGTGAGGAGCCCTGGCTTCAAG
 AACGACACACTGCGCTCTGGGGTGGTCACTGTGGTGGACTCGCTGCTGTGTGAGGAGCAGCATGAGGACC
 ATGGCATCCCAGTGAAGTGTCACTGATAACATGTTCTGTGCCAGCTGGGAACCCACTGCCCTTCTGATAT
 CTGCACTGCAGAGACAGGAGGCATCGCGGCTGTGTCCTTCCCGGACGAGCATCTCTGAGCCACGCTGG
 CATCTGATGGGACTGGTCACTGGAGCTATGATAAAACATGCAGCCACAGGCTCTCCACTGCCTTACCA
 AGGTGCTGCCTTTTAAAGACTGGATTGAAAGAAATATGAAA

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence: >RG222937 representing NM_015430
Red=Cloning site Green=Tags(s)

MELGCWTQLGLTFLQLLLISSLPREYTVINEACPGAENWIMCRECCEYDQIECVCPGKREVVGYTIPCCR
 NEENECDSCIHPGCTIFENCKSCRNGSWGGLDDFYVKGFYCAECRAGWYGGDCMRCGQVLRAPKQIIL
 LESYPLNAHCEWTIHAKPGFVIQLRFVMLSLEFDYMCQYDYVEVRDGDNRDQIIRKVCGNERPAPIQSI
 GSSLHVLFHSDGSKNFDGFHAIYEEITACSSSPCFHDGTCVLDKAGSYKACLAGYTGQRCEENLEAGKS
 KIKASEDSLVLLEERNCSDPGGPVNGYQKITGGPGLINGRHAIGTVVSFFCNNSYVLSGNEKRTCQQNG
 EWGSKQPICIKACREPKISDLVRRRVLPMQVQSRETPLHQLYSAAFSKQKLQSAPTKKPALPFGLPMGY
 QHLHTQLQYECISPFYRRLGSSRRTCLRTGKWSGRAPSCIPICGKIENITAPKTQGLRWPWQAAIYRRTS
 GVHDGSLHKGAWFLVCSGALVNERTVVVAHCVTDLGKVTMIKTADLKVVLGKFYRDDDRDEKTIQSLQI
 SAIIILHPNYDPIILLDADIAILKLLDKARISTRVQPICLAASRDLSSTFQESHITVAGWNLADVRSFGFK
 NDTLRSGVVSVDLLCEEQHEDHGIPVSVTDNMFASWEPTAPSDICTAETGGIAAVSFPGRASPEPRW
 HLMGLVSWSYDKTCSHRLSTAFTKVLVLPFKDWIERNMK

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_015430

ORF Size: 2211 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_015430.4](#)

RefSeq Size: 2798 bp

RefSeq ORF: 2214 bp

Locus ID: 25891

UniProt ID: [Q6UXH9](#)

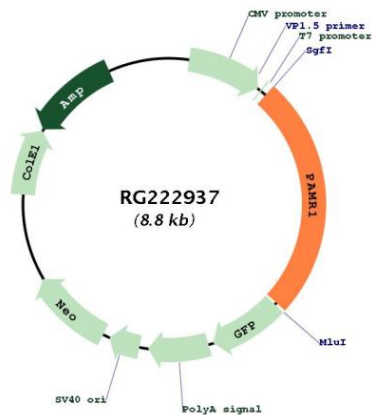
Cytogenetics: 11p13

Domains: CCP, CUB, Tryp_SPc, EGF, EGF

Protein Families: Druggable Genome, Protease

Gene Summary: May play a role in regeneration of skeletal muscle.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG222937