

Product datasheet for MC224783

Pprc1 (NM_001081214) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Pprc1
Synonyms:	A930018M19; BC013720; mKIAA0595; PRC
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC224783 representing NM_001081214 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGGCGCGCGCCGGGACGGAGACCGAGTCGCGCCGCCTCCGACTGGGGGCCCGGGTCTGACCCTG
GCGGTGGAGTGCGTGGCGGCGAGTTGGGCGAGTCGAAGCCAAGCGCCGTATGGGACCGGGGCTCCGTGAG
CGCCGCGGAGCAGGTCCATGAGGAAGGGAATGACTCTAGCTTTGTGAGTCTTTCTCGACTGGGCCCTCT
CTGAGGGAGAAAGACCTGGAAATGGAGGAAGTACTGTCAGGATGAGACCCTCCTGGAGACCATGCAGA
GCTACATGGACGCGCTCCCTTATATCCCTCATTGAGGATTTTGGAGAGAGCAGATTATCTCTGGAGGACCA
GAATGAAATGTGCTGCTCACAGCTCTGACGGAGATCTTGGACAATGCAGATTCTGAGAACCTGTCCCCT
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CAAACCTCGACAACCTCTGGAACAATGTCTGGACTTCCCATGCACTGGCATGCCCTGAGGAAGAAGGC
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GGCAGTTCAGAAACAGCCCCAGGAAGAGCTTCAGAGAGAGGCTGCTGCCCTCAGAGCAGAGGGAAGC



CACGGGCTTGGGCTCGGGCCTGGGCAGCTGCCTTAGAGAAGACAGGGTCCGAGAATTTAGAGAGAAGTGC
GGGACAGGATAGTCCTGCTGAAGAAGACGCACTGGATCTCTGTCTAAGCTGCTTGAGACCAGCCAAGCC
AACCCCACTCTCTCATTAAATGACTCTGCTCAAGCTGACTCCATGCCTGTTGACTCTGTTGAAGGTGATT
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AGTAGGCCCAAACCTGACTAGCCAGTCTGGCTGACAAGAAAGGAATTGAACCTGCAGTGGCTATTCCC
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CTGCTCCAGCAGATCCTGTGCTAGTTAAGTGCAGACCCACTGATCTAGGCGTGCTGCAGCAGCAGCAGC
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CCCCGAGCTCCACAGTAGAACCTACAAAGCCGAGGCTCAGCCAGTGCCTGTATCTCCCAGCCGAAA
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CAAAAAGGAGTGTCTCTCCCGCTTCTGTGACAGCTTGGCTGTAGGAAACTCAGGCATTGACATTCCC
CAGGAGAAGAAGCCCTTAGACCGGTTACAAGCCCCAGAAGTGGCCAACGTGGCAGGGCTCACCCCTCCAG
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CTCCAAGAAGGGGCCACAGCCCTAGTCCAGTCCATGTGGGCTCTGGGGACCATGACTATTGTGTCCGAA
GCAGGACACCCCAAAAGGATGCCTGCCCTAGTATCTCAGAGGTGGGCTCCCGATGGAATGTCAAGCG
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ACTTCCAGGAGCCTTGTATCACAGGACTAGCGTTGAGCAGGCAGATCTTACAGCGCTTGTGTTGGCC
CATCCACCTTGTCTCTCTGAGGCTTACCCTGCCGAGTGAAATGAACGCTAGGACTCCCCCTGAGCC
CTCAGACAAGCAGCAGTCAATGCGCTGTACCGAAAAGCCTGCAGATCAGTACAGCCCTCAAGTAGGGGC
TGGCAAGGCCCGCTGGCCGAGTAGCCGTTCTGTGAGCTCTGGGTCCAGCCGACCAAGTGAAGCGTCT
CGTCTCTCATCGGTGCTTCTCTCATCCCGATCCCGGTCCCGGTCCAGGTCCAGGTCTTCTCCCCCCCCAA
CAAGAGGTGGCGAAGGTCCAGCTGCAGTTCCTCTGGACGGTCCAGAAGGTGTTATCTCTCTCTCTCTCC
TCCTCTTCTCTCTCATCGTGCAGTTCCAGAAGCCGGTCTCCCTCTGTGTCCCCTTGCAAGGAGAAGTGACC
GGAGGCGCGGTACAGCTCTTACCGTGCAAATGACCATTACCAAAGGCAGAGAGTGCTACAGAAGGAGCG
TGCAATAGAAGAGAGAAGGGTGGTCTTATTGGGAAAATACCTGGCCGAATGACTCGGTCCGAGCTGAAA
CAGAGGTTCTCTGTTTTGGAGAAATTGAGGAGTGATACATTATTTTCTGTGTTCAAGGTGACAACTATG
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AGACGAGCAGCCCTTTGATCTCTGCTTGGGGGCCGAAGGCAGTTCTGCAAGAGGAGTTACTCTGACCTT
GACTCCAATCGGAAGACTTTGATCTGCTCTGTAAGAGCAAAATCGATTCACTTGACTTTGATACAT
TGTTGAAACAGGCCCAGAGAAGCTCAGGAGGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001081214

Insert Size:	4935 bp
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).
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001081214.1 , NP_001074683.1
RefSeq Size:	5244 bp
RefSeq ORF:	4935 bp
Locus ID:	226169
UniProt ID:	Q6NZNI
Cytogenetics:	19 C3
Gene Summary:	Acts as a coactivator during transcriptional activation of nuclear genes related to mitochondrial biogenesis and cell growth. Involved in the transcription coactivation of CREB and NRF1 target genes (By similarity).[UniProtKB/Swiss-Prot Function]