

Product datasheet for SC210172

PYCR1 (NM_006907) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: PYCR1 (NM_006907) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: PYCR1
Synonyms: ARCL2B; ARCL3B; P5C; P5CR; PIG45; PP222; PRO3; PYCR
ACCN: NM_006907
Insert Size: 853 bp
Insert Sequence: >SC210172 3'UTR clone of NM_006907
The sequence shown below is from the reference sequence of NM_006907. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CGCAGCCTGGCCCCAGCGGGCAAGGATGACACGTCCTGCCTGACCACCATCCTGCCACCACCTTCTCT
TCTCTTGTCACTAGGGGGACTAGGGGGTCCCCAAAGTGGCCCACTTTCTGTGGCTCTGATCAGCGCAGG
GGCCAGCCAGGGACATAGCCAGGGAGGGGCCACATCACTTCCCACTGGAAATCTCTGTGGTCTGCAAGT
GCTTCCAGCCAGAACAGGGGTGGATTCCCAACCTCAACCTCCTTTCTCTGCTCCCAAACCATG
TCAGGACCACCTTCTCTAGAGCTCGGGAGCCGGAGGGTCTTCAACCACTCCTACTCCAGTATCAGCT
GGCAGGGGCTCCTTCTGAGAGCAAAGGTCAAGGACCCCTCTGTGAAGGCTCAGCAGAGGTGGGATCC
CACGCCCCCTCCCGGCCCTCCCTGCCCTCCATTAGGGGAGAAACCTCTCCTTCCCGTGTGAGAAGGGC
CAGAGGGTCCAGGCATCCCAAGTCCAGCGTGAAGGGCCACAGCCCTCTTGGCTGCCAAGCACGCAGAT
CCCATGGACATTTGGGGAAAGGGCTCCTTGGGCTGCTGGTGAACCTCTGTGGCCACCACCTCCTGCTCC
TGACCTCCTGGGAGGGTCTATCAGTTCTGCTGCGCCCTTTCAGTTTTATAAGTTGGTTCCAGCCC
CCAGTGTCTGACTTCTGTCTGCCACATGAGGAGGGAGGCCCTGCCTGTGTGGGAGGGTGGTTACTGTG
GGTGAATAGTGGAGGCCTTCAACTGATTAGACAAGGCCCGCCACATCTTGGAGGGCATCTGCCTTAC
TGATTAATAATGTCAATGTAATCTAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



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Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_006907.4
Summary:	This gene encodes an enzyme that catalyzes the NAD(P)H-dependent conversion of pyrroline-5-carboxylate to proline. This enzyme may also play a physiologic role in the generation of NADP(+) in some cell types. The protein forms a homopolymer and localizes to the mitochondrion. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013]
Locus ID:	5831
MW:	29.8