

## Product datasheet for **SC207226**

### **PYCR1 (NM\_153824) Human 3' UTR Clone**

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** PYCR1 (NM\_153824) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** PYCR1  
**Synonyms:** ARCL2B; ARCL3B; P5C; P5CR; PIG45; PP222; PRO3; PYCR  
**ACCN:** NM\_153824  
**Insert Size:** 519 bp  
**Insert Sequence:** >SC207226 3'UTR clone of NM\_153824  
The sequence shown below is from the reference sequence of NM\_153824. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CAGTATCAGCTGGCAGGGCTCCTTCTGAGAGCAAAGGTCAAGGACCCCTCTGTGAAGGCTCAGCAG
AGGTGGGATCCCACGCCCTCCCGGCCCTCCCTGCCCTCATTTCAGGGAGAACTCTCCTTCCCGT
GTGAGAAGGGCCAGAGGGTCCAGGCATCCCAAGTCCAGCGTGAAGGGCCACAGCCCTCTTGCTGCCA
AGCACGCAGATCCCATGGACATTTGGGGAAAGGGCTCCTTGGGCTGCTGGTGAATTCTGTGGCCACCA
CCTCCTGCTCCTGACCTCCCTGGGAGGGTGTATCAGTTCTGTCTGGCCCTTTCAGTTTATAAGTTG
GTTTCCAGCCCCAGTGTCTGACTTCTGTCTGCCACATGAGGAGGGAGGCCCTGCCTGTGTGGGAGGG
TGGTTACTGTGGGTGGAATAGTGGAGGCCTTCAACTGATTAGACAAGGCCCGCCACATCTTGGAGGGC
ATCTGCCTTACTGATTAATAATGTCAATGTAATCTAA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**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).

**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\\_153824.3](#)



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**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:** 19.1