

Product datasheet for **SC216442**

PYCR3 (NM_023078) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PYCR3 (NM_023078) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PYCR3
Synonyms:	PYCRL
ACCN:	NM_023078
Insert Size:	2000 bp



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Insert Sequence: >SC216442 3'UTR clone of NM_023078
 The sequence shown below is from the reference sequence of NM_023078. 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
TGCCGGGCCAAGGAGCTCAGCAGAAAGTAGGCTGGGCTCTGGCCATCCTTTCTGCCTCTGTGCCCTG
CCTCTCCCTGTGTCCCTTCCCCTGAGGACTGCGGCTCCCTCCCTCCTGCATGAGGGTCTCTACTGCTC
CTTCTCCCCTTGACAGGGAAATGCAGGGGGCAGGACTTGGGAGGTTCCAGCAGGCGGGGAGCCCCGA
CCAGTGGGGACACTCCTCCCTCCCAGTGAGCAGAAGGCACCGTGGTGGTGGCTGTGCCCTTGCTGCA
GTGAGCCACCTTGCTGCAACATTGGTTCTGAGGGGCCAAGAGATGGCGTCTTGGTCATTTGCCCGCA
TGGTTGGGCAGTTGGTTGAGGCCATGAACAGAACTTACGGTAACAGGCACGGCTGGCCCAATGCCTGGT
CTGGAGCTGGAGCTTGCCTTTGGCTTTCCAGTGGCTCCGTGCAGCTACAGCCAGGCCGGCTGCCTCAT
CTCAGCTCTAGGGGGCACGAGCCATATGGGGTCTGCACAAGAGACCCTCTCCCCTGCAGTAAAGCCAGG
GGCCCTGGCCTGATGGGGCCCCATGGGAGCTGGAGCCTGCCCTGCAGCCTGGAGAAGAGGGTGGCTG
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GCACCAGTGGGCAGTGGTAGGTGGGGTGGCTTGGGTCTGGGAGGGTGGCCCTGGCCAGCCAGGACAC
ATGCAGACCCCTGGCTTTAGTCTGGATACAGGCTCCCTCTTTCTCCCAATCCTAAGCTCCTGACAAGT
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AAAGCCAGGACTCAGGGGAGAAGCAAACCCCAAGATTGAAGGCTAGGGTCTAGGGCCTTTGGTGGG
GAGGGCCCGGGCCGACAGCCTCAGCTCCGTCCCTGCCCAAGATTACCTGGGCCTCCAGTCCCA
CGCTGGCCCAACTGCTGCAGCTCTCGGCTTCCGCCAACAGCCTCTGGAGGTGAGGCGGGAGCATGCC
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TGCAAAACAGGGCTAACGGCACCTGCAGGACAGCAGCAGCTCCATCCCTCATGCTCAGTGCCTCTGC
GGCCACGGACTTCTGCCCTTCTGCTCTCTTACTCTCCTGAGCCTAGCCCGTCCGTAAAGCTCCCT
CCCCTGCCTGGTCCCAGGGCAGGCTGACTCAGTTGACTGCTTGGTCCAAGCCTGGCCCTGGCACTTGT
CAGGGTCAGCCTAAGGAGATGGGAATAAAGAGGCCAGAGACCAAGTGAGCTCATGTTTACCAGAG
GTGGATAAAACCAAGTTCTGGGCTGGGCCAGTGGCTCACATCTGTAATCCAGCACTTTGGGAGGCCG
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AAAAATACAAAATTAGCTGGATGTGGTGGTGCCTGTAAATCCAGCTACTTGGGAGGCTGAGGCAG
GAGAAATTGCTTGAATCCAGGAGGCGGAGATTGCAGAGAGCCAAGATCATGCCACTGCACTCCAGCCTGG
GTGACAGCAAGACTCTGTCTTGGAAAAAAAAAAAAAAAAAGAGGTCCAATGCCTGCCCATAAAGTTGAGGCC
TGGAACTTGGTCAAGCACAGGTGTGAGCCGAAGGGGGTGTGGCACTGTGGACAGCAGAGGTCTCCCC
ATGCCTGTACAGGCCTTACATCACCTGGGGCTTTGTAGGGCATGGAATTGCAGTTTCCCCTGCAC
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
  
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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).

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_023078.6](#)

Summary: This gene encodes a protein that belongs to the pyrroline-5-carboxylate reductase family of enzymes. Members of this family catalyze the final step in proline biosynthesis, converting pyrroline-5-carboxylate to proline. Glutamate and ornithine are precursors in the synthesis of proline. The protein encoded by this gene is a cytoplasmic enzyme involved in the biosynthesis of proline from ornithine. [provided by RefSeq, Aug 2016]

Locus ID: 65263

MW: 70.9