

## Product datasheet for **SC336006**

### PCYOX1L (NM\_001301057) Human Untagged Clone

#### Product data:

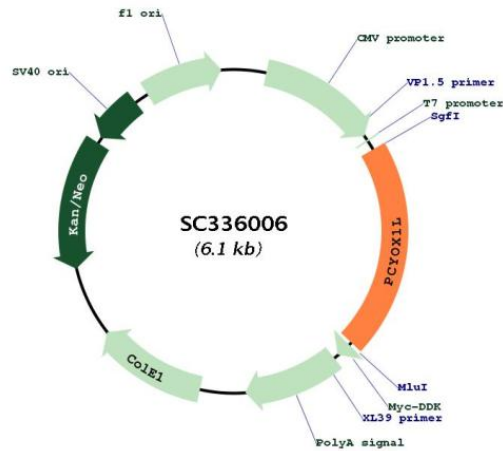
Product Type:	Expression Plasmids
Product Name:	PCYOX1L (NM_001301057) Human Untagged Clone
Tag:	Tag Free
Symbol:	PCYOX1L
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC336006 representing NM_001301057. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCCCGCCGGGCAAAATCGGTGCGGGGAAGGACGCGCGGTGGTTGGGGCTGGGATTGGGGGCTCTGCT
GTGGCCATTTTCTCCAGCAGCACTTTGGACCTCGGGTGCAGATCGACGTGTACGAGAAGGGAACCGTG
GGTGGCCGCTTGGCCACCATCTCAGTCAACAAGCAGCACTATGAGAGCGGGGCTGCCTCCTTCCACTCC
CTGAGCCTGCACATGCAGGACTTCGTCAAGCTGCTGGGGCTGAGGCACCGCGCGAGGTGGTGGGCAGG
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CTCTGGTGGCACTATGGCATCAGCTTCTGAGGCTGCAGATGTGGTGGAGGAGTGCATGGAGAAGTTC
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AGCCTGTGGTCTGTGGAAGGAGGCAATAAGCTGGTTTGTCCGGTTTGTGAAGCTCACCAAGGCCAAT
GTGATCCATGCCACAGTGACCTCTGTGACCCTGCACAGCACAGAGGGGAAAGCCCTGTACCAGGTGGCG
TATGAGAATGAGGTAGGCAACAGCTCTGACTTCTATGACATCGTGGTTCATCGCCACCCCTGCACCTG
GACAACAGCAGCAGCAACTTAACCTTTCAGGCTTCCACCCGCCATTGATGACGTGCAGGGCTCTTTC
CAGCCCACCGTCGTCTCCTTGGTCCACGGCTACCTCAACTCGTCTACTTCGTTTCCCAGACCCTAAG
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CCTGTCAACATCTCTGCCAGCTTCGGCGAAAGCAGCCCCAGGAGGCAGCTGTTTGGCGAGTCCAGTCC
CCCAAGCCCTCTTTCGGACCCAGCTAAAGACCCTGTTCCGTTCTATTACTCAGTGCAGACAGCTGAG
TGGCAGGCCCATCCCCTCTATGGCTCCCGCCCCAGCTCCCGAGGTTTGCACCTCATGACCAGCTTTC
TACCTCAATGCCCTGGAGTGGGCGGCCAGCTCCGTGGAGGTGATGGCCGTGGCTGCCAAGAATGTGGCC
TTGCTGGCTTACAACCGCTGGTACCAGGACCTAGACAAGATTGATCAAAAAGATTGATGCACAAGGTC
AAGACTGAACTTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: SgfI-MluI



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**Plasmid Map:**


**ACCN:** NM\_001301057

**Insert Size:** 1257 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.

**RefSeq:** [NM\\_001301057.1](#)

**RefSeq Size:** 2406 bp

**RefSeq ORF:** 1257 bp

**Locus ID:** 78991

**UniProt ID:** [Q8NBM8](#)

**Cytogenetics:** 5q32

**MW:** 46.9 kDa

**Gene Summary:**

Probable oxidoreductase.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (3) has an alternate splice site in the 5' region, which results in an alternate translation initiation site, and has an alternate in-frame splice site in the central region, compared to variant 1. The resulting isoform (3) has a shorter and distinct N-terminus and lacks an internal segment, compared to isoform 1.