

Product datasheet for **SC304377**

PPIL1 (NM_016059) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PPIL1 (NM_016059) Human Untagged Clone
Tag:	Tag Free
Symbol:	PPIL1
Synonyms:	CGI-124; CYPL1; hCyPX; PCH14; PPlase
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC304377 representing NM_016059. Blue=Insert sequence Red=Cloning site Green=Tag(s)

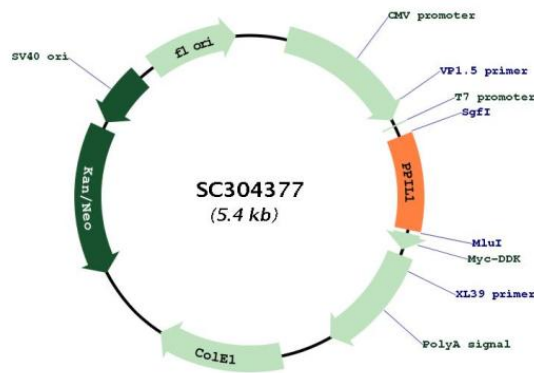
```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGGCAATCCCCAGATTCCTGGCAGCCACCCAACGTTTACTTGGAGACCAGCATGGGAATCATT
GTGCTGGAGCTGTACTGGAAGCATGCTCCAAGACCTGTAAGAATTTGCTGAGTTGGCTCGTGGAGGT
TACTACAATGGCAGAAAATCCACAGAATTATCAAAGACTTCATGATCCAAGGAGGTGACCCAACAGGG
ACAGGTCGAGGTGGTGCATCTATCTATGGCAAACAGTTTGAAGATGAACCTCATCCAGACTTGAAATTC
ACGGGGGCTGGAATTCTCGCAATGGCCAATGCGGGGCCAGATACCAATGGCAGCCAGTTCTTTGTGACC
CTCGCCCCACCCAGTGGCTTGACGGCAAACACACCATTTTTGGCCGAGTGTGCAGGGCATAGGAATG
GTGAATCGCGTGGGAATGGTAGAAACAACTCCCAGGACCGCCCTGTGGACGACGTGAAGATCATTAAAG
GCATACCTTCTGGGTAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
```

Restriction Sites: Sgfl-Mlul



[View online »](#)

Plasmid Map:



ACCN: NM_016059

Insert Size: 501 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_016059.4](#)

RefSeq Size: 1750 bp

RefSeq ORF: 501 bp

Locus ID: 51645

UniProt ID: [Q9Y3C6](#)

Cytogenetics: 6p21.2

Protein Pathways: Spliceosome

MW: 18.2 kDa

Gene Summary: This gene is a member of the cyclophilin family of peptidylprolyl isomerases (PPIases). The cyclophilins are a highly conserved, ubiquitous family, members of which play an important role in protein folding, immunosuppression by cyclosporin A, and infection of HIV-1 virions. Based on similarity to other PPIases, this protein could accelerate the folding of proteins and might catalyze the cis-trans isomerization of proline imidic peptide bonds in oligopeptides. [provided by RefSeq, Jul 2008]