

Product datasheet for **SC324399**

PPIL3 (NM_130906) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PPIL3 (NM_130906) Human Untagged Clone
Tag:	Tag Free
Symbol:	PPIL3
Synonyms:	CYPJ
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:	>OriGene sequence for NM_130906.1 <pre> GCCGAGTGTAAGCATTGCTTGAGGTTGCCAGGTAGTTTCGCCTTACACTTCTTGTCCTC AGTGCAATTATTAGTAGAGCTCCCTTTCTACTGTCAAATTTCCGGTTGGGGATAAATTGCA TTGTCGTTTTGGTTTGGATAGGAAGATGAGGGGAGGAAGGAGGTGAGGCGGTAAAGGGG GTTCTCTCTCTGGGTCGCGCCCAACTTCCGCTGGCCCAAGAACTATAATTTTGAA CCAACAGACCTCTGCTGGCATCTGCGATTGCATTTTCTGTTTAAACACGGCTGTGCT AGACGAAGTGGTGAAGCCCAAGTATGGAGTAACGTCATTAATTTCTTTCATTCACTTATTC GAATGCTTGCTGAGTTCTGTGTTGCTACTGGTTTGTCTTGGGATACTGCGAGTGAACA GTGGGCGGCGAGGCTGTTGTTGCAACGTCAGAGTAAAAGAAGGACCCTGCACCTCGGCCT CCCAAAGTGTTAGGATTATAGGCGTGAGCCACCACGCCGCGAGGTTTTTATTTAAAT GTTTCAGTAAAGATGAGCGTGTGTGAGTTAAGACAGGAAATGAGCCTAATTTCTTTTTTC TTTTGGGACTAGAGACTATTTTTGAGCTCGCTGTAAGACTGAGAAATCACGTAGTCCTT CCTGAAACCACTAAGAGGAAAAATGTCTGTGACACTGCATACAGATGTAGGTGATATTAA AATTGAAGTCTTCTGTGAGAGGACACCCAAAACATGTGAGAATTTCTTGGCTCTTTGTGC CAGTAATTACTACAATGGCTGTATTTTCATAGGAATATCAAGGGTTTCATGGTTCAAAC AGGAGATCCAACAGGAAGTGAAGAGGAGGCAACAGTATTTGGGCAAGAAGTTTGAGGA TGAATACAGTGAATATCTTAAGCACAATGTTAGAGGTGTTGTATCTATGGCTAATAATGG CCCGAACACCAATGGATCTCAGTTCTTCATCACCTATGGCAAACAGCCACATTTGGACAT GAAATACACCGTATTTGGAAAGGTAATAGATGGTCTGGAACTCTAGATGAGTTGGAGAA GTTGCCAGTAAATGAGAAGACATACCGACCTCTTAATGAGGTACACATTAAGGACATAAC TATTCATGCCAACCCATTTGCTCAGTAGCTATGGTAGACCTGGACAAATAACTTGACAAA TTGCTGGAACACACTTATTGTGGTTTACCGGTTTTAATTATGTCAGAGATTGCATCATC CTTCGCTTGTTTACAATATGATCTTCTATGAAATGGTGGTACCAAGGGGCGCCCAACA GCTTTTATCCCCATTCTTAGAGCATATTCTTTATTATAATGATTATCCAACATATTTCTT TAATTTTAAATACAAAAATACATCATTTAATTTTTGTTACATATGAACATTCAATTTTAA ATGCTCAGCCTCAAGTGCAGGCATTTTTGAGTGGCCTGATTACATATTCCTCCACAGCA AGTCCGTATCCTGGAAGTGTTATTTTATAATAAAATTTAAAAAGTTTAAAGAAAAAAA AAAAAAAAAAAAAAAAAAAA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_130906
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_130906.1](#), [NP_570981.1](#)

RefSeq Size: 1114 bp

RefSeq ORF: 486 bp

Locus ID: 53938

UniProt ID: [Q9H2H8](#)

Cytogenetics: 2q33.1

Gene Summary: This gene encodes a member of the cyclophilin family. Cyclophilins catalyze the cis-trans isomerization of peptidylprolyl imide bonds in oligopeptides. They have been proposed to act either as catalysts or as molecular chaperones in protein-folding events. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2008]
 Transcript Variant: This variant (PPIL3b) includes an alternate in-frame segment, compared to variant PPIL3a, resulting in a shorter protein (isoform PPIL3b), compared to isoform PPIL3a. Variants PPIL3b and PPIL3c encode the same protein.