

Product datasheet for **SC318816**

PPIL6 (NM_00111298) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PPIL6 (NM_00111298) Human Untagged Clone
Tag:	Tag Free
Symbol:	PPIL6
Synonyms:	bA425D10.6; dj919F19.1; PPIase; RSPH12
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC318816 representing NM_00111298. Blue=Insert sequence Red=Cloning site Green=Tag(s)

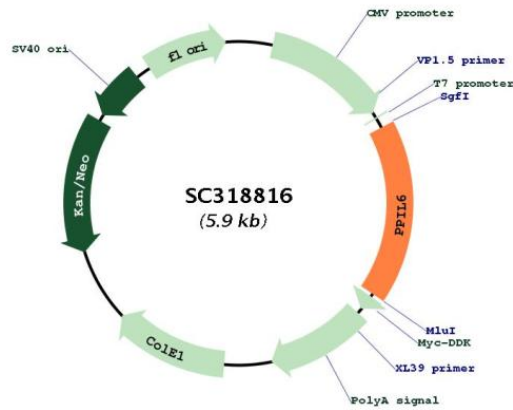
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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGGCAAGGCCGCAGCCGTGCGGGCCCCGCACGCTAGGTGCGGCTCGCCGTCGCTGCCGGAGCGGCCG
CTGCAGGTGAAGGTGGTGGGCTCTTCAGCTGCCCAACTTTTCAGATTGCGAAGAGCGCCGCTGAGAAT
CTGAAGAATAATCATCCATCCAAATTTGAAGATCCTATATTAGTTCCTCTTCAAGAATTTGCATGGCAT
CAATATCTACAGGAGAAAAAAGGGAACCAAAAATGAAACCTGGGAATATTCTTCTCTGTGATTCT
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GTTGACATTAACCCCTCTGCACTTTATGACGCACTCACTGAGGATTTTTCCGCTAAGTTCTTAAGAGAC
ACCAAGCATGATTTTCGTGTTTTGGACATTTGTATTGATTCTTCTCCAATTGGAAGATTGATTTTTGAG
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TCTCAACGTGGCATAAGACTACATTACAAAAATTCATTTTTTCATCGAATAGTACAGAATGGCTGGATA
CAAGGAGGGGATATAGTGTATGGAAAAGGAGATAATGGAGAGTCGATTTATGGTCCAACATTTGAAGAG
CTTTATGGAAGCTTGAAAAGAAGTGTAAAGAGGCAGAAGGAAAGCAGAGGGTTGGAAAGATCGAGAAA
TACCGAGATGAAAACCTTTTCAGTTCTCATAATAAAAGAGGAGTACTTGGAAATGGCCAACAAAGGCCGT
CACAGCAACGGGTCACAATTCATATCACACTGCAAGCAACTCCTATCTAGATAGAAAATTTGTGGCT
TTTGGCAACTGATTGAAGGAACAGAAGTGCTTAAACAAGTGAATAGTTCCAACACAGAATGAAAGA
CCAATACATATGTGTAGAATTACTGACAGTGAGATCCTTATGCT TGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:



ACCN: NM_001111298

Insert Size: 1014 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_001111298.2](#)

RefSeq Size: 4223 bp

RefSeq ORF: 1014 bp

Locus ID: 285755

UniProt ID: [Q8IXY8](#)

Cytogenetics: 6q21

MW: 38.3 kDa

Gene Summary: Probable inactive PPIase with no peptidyl-prolyl cis-trans isomerase activity.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (2) includes an additional in-frame exon in the 3' coding region, compared to variant 1, resulting in a longer isoform (2), compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.