

## Product datasheet for RC213086

### PPIL3 (NM\_032472) Human Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: PPIL3 (NM\_032472) Human Tagged ORF Clone  
 Tag: Myc-DDK  
 Symbol: PPIL3  
 Synonyms: CYPJ  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 ORF Nucleotide Sequence: >RC213086 representing NM\_032472  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGTCTGTGACTGCATACAGATGTAGGTGATTTAAAATTGAAGTCTTCTGTGAGAGGACACCCAAA  
 CATGTGAGATGGAGTCTCGCTGTGTCCCCAGGCTGGAGTACAATGGCGCATCTCGCTCACTGCAACC  
 TCCGCCTCTGGTTCAAGCAAGTCTTCTGCCTCAGCCTCCCGAGAACTGGAAGAGGAGGCAACAGTATT  
 TGGGGCAAGAAGTTTGGAGATGAATACAGTGAATATCTTAAGCACAATGTTAGAGGTGTTGTATCTATGG  
 CTAATAATGGCCCGAACCAATGGATCTCAGTTCTTCATCACCTATGGCAAACGCCACATTTGGACAT  
 GAAATACACCGTATTTGGAAAGGTAATAGATGGTCTGGAACTCTAGATGAGTTGGAGAAGTTGCCAGTA  
 AATGAGAAGACATACCGACTCTTAATGATGTACACATTAAGGACATAACTATTCATGCCAACCCATTTG  
 CTCAG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC213086 representing NM\_032472  
 Red=Cloning site Green=Tags(s)

MSVTLHTDVGDIKIEVFCERTPKTCMESRCVQAGVQWRDLGSLQPPPPGFKQVFCLSLPRTRGGNSI  
 WGKKFEDEYSEYLKHNVRGVVSMANNPNTNGSQFFITYGKQPHLDMKYTVFGKVIDGLETLDELEKLPV  
 NEKTYRPLNDVHIKDITIHANPFAQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

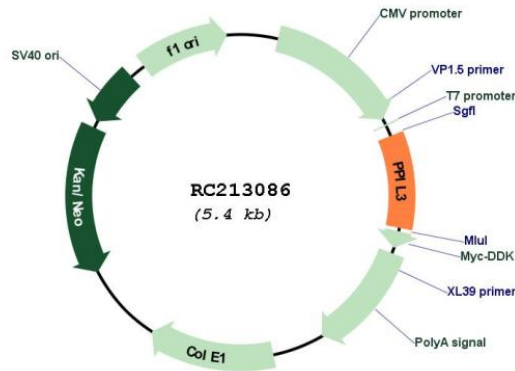
Restriction Sites: SgfI-MluI



Cloning Scheme:



Plasmid Map:



ACCN: NM\_032472

ORF Size: 495 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_032472.4</a>
<b>RefSeq Size:</b>	1191 bp
<b>RefSeq ORF:</b>	498 bp
<b>Locus ID:</b>	53938
<b>UniProt ID:</b>	<a href="#">Q9H2H8</a>
<b>Cytogenetics:</b>	2q33.1
<b>MW:</b>	18.4 kDa
<b>Gene Summary:</b>	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]