

## Product datasheet for **RG202546**

### PPIL3 (NM\_130906) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** PPIL3 (NM\_130906) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** PPIL3  
**Synonyms:** CYPJ  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG202546 representing NM\_130906  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTCTGTGACACTGCATACAGATGTAGGTGATATTTAAATTGAAGTCTTCTGTGAGAGGACACCAAAA  
 CATGTGAGAATTTCTGGCTCTTTGTGCCAGTAATTACTACAATGGCTGTATTTTCATAGGAATATCAA  
 GGGTTTCATGGTTCAAACAGGAGATCCAACAGGAAGTGAAGAGGAGGCAACAGTATTTGGGCAAGAAG  
 TTTGAGGATGAATACAGTGAATATCTTAAGCACAATGTTAGAGGTGTTGTATCTATGGCTAATAATGGCC  
 CGAACACCAATGGATCTCAGTTCTTCATCACCTATGGCAAACAGCCACATTTGGACATGAAATACACCGT  
 ATTTGGAAAGGTAATAGATGGTCTGGAACTCTAGATGAGTTGGAGAAGTTGCCAGTAAATGAGAAGACA  
 TACCGACCTCTTAATGAGGTACACATTAAGGACATAACTATTCATGCCAACCCATTTGCTCAG

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >RG202546 representing NM\_130906  
 Red=Cloning site Green=Tags(s)

MSVTLHTDVGDIEVFCEPTPKTCENFLALCASNYNGCIFHRNIKGFMVQTDPTGTGRGNSIWGKK  
 FEDEYSEYLKHNVRGVSMANNGPNTNGSQFFITYGKQPHLDMKYTVFGKVIDGLETLDELEKLPVNEKT  
 YRPLNEVHIKDITIHANPFAQ

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** SgfI-MluI



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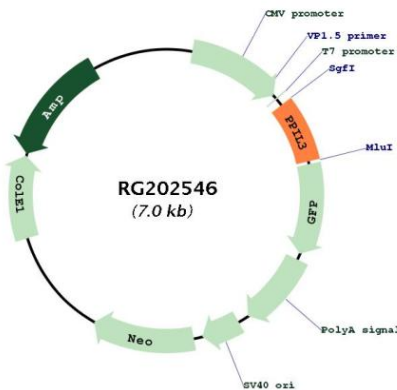
**Cloning Scheme:**


ACCN:	NM_130906
ORF Size:	483 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. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	<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>
RefSeq:	<a href="#">NM_130906.1</a> , <a href="#">NP_570981.1</a>
RefSeq Size:	1114 bp
RefSeq ORF:	486 bp
Locus ID:	53938
UniProt ID:	<a href="#">Q9H2H8</a>

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]

## Product images:



Circular map for RG202546