

## Product datasheet for **RG207244**

### PPIL6 (NM\_173672) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** PPIL6 (NM\_173672) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** PPIL6  
**Synonyms:** bA425D10.6; dj919F19.1; PPIase; RSPH12  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG207244 representing NM\_173672  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCAAGGCCGAGCCGTGCGGGCCCCGCACGCTAGGTGCGGCTCGCCGTCGCTGCCGGAGCGGCCGC  
 TGCAGGTGAAGGTGGTGGGGCTTTCAGCTGCCCAACTTTCAGATTGCGAAGAGCGCCGCTGAGAATCT  
 GAAGAATAATCATCCATCCAAATTTGAAGATCCTATATTAGTTCCTCTTCAAGAATTTGCATGGCATCAA  
 TATCTACAGGAGAAAAAAGGGAACCAAAAATGAAACCTGGGAATATTCTTCTCTGTGATTTCTTTTG  
 TTAATGGTCAGTTTCTGGGTGATGCATTGGATCTGCAGAAATGGGCCACGAGGTGTGGGATATAGTTGA  
 CATTAAACCCTCTGCACTTTATGACGCACTCACTGAGGATTTTTCCGCTAAGTTCCTTAAGAGACACCAAG  
 CATGATTTCTGTGTTTTGGACATTTGTATTGATTCTTCTCCAATTGGAAGATTGATTTTTGAGCTATACT  
 GTGATGTGTGCCAAAACATGTAATAATTTTCAGGTCTTGTGCACAGGAAAAGCAGGGTTTTCTCAACG  
 TGGCATAAGACTACATTACAAAATTCATTTTTTCATCGAATAGTACAGAATGGCTGGATACAAGGGGG  
 GATATAGTGTATGGAAAAGGAGATAATGGAGAGTCGATTTATGGTCCAACATTTGAAGATGAAAATTTT  
 CAGTTCCTCATAATAAAAGAGGAGTACTTGGAAATGGCCAACAAAGGCCGTACAGCAACGGGTACAATT  
 CTATATCACACTGCAAGCAACTCCTTATCTAGATAGAAAATTTGTGGCTTTTGGGCAACTGATTGAAGGA  
 ACAGAAGTGCTTAAACAAGTAACTAGATTAGTTCCAACACAGAATGAAAGACCAATACATATGTGTAGAATTA  
 CTGACAGTGGAGATCCTTATGCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

**Protein Sequence:** >RG207244 representing NM\_173672  
Red=Cloning site Green=Tags(s)

MARPQPCGPPHARCSPSLPERPLQVKVVLGFSCPWFQIAKSAENLKNHPSKFDPPILVPLQEFAWHQ  
 YLQEKRELKNETWEYSSSVISFVNGQFLGDALDLQKWAHEVWDIVDIKPSALYDALTEDFS AKFLRDTK  
 HDFVFLDICIDSSPIGRILIFELYCDVCPKTCKNFQVLCGKAGFSQRGIRLHYKNSIFHRIVQNGWIQGG  
 DIVYVGKDNGESIYGPTFEDENFSVPHNKRGLGMANKGRHSNGSQFYITLQATPYLDRKFVAFGQLIEG  
 TEVLKQLELVPTQNERPIHMCRIITDSGDPYA

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_173672

**ORF Size:** 933 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.

**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\\_173672.5](#)

**RefSeq Size:** 1108 bp

**RefSeq ORF:** 936 bp

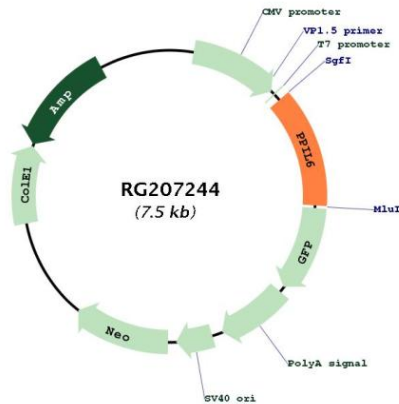
**Locus ID:** 285755

**UniProt ID:** [Q8IXY8](#)

**Cytogenetics:** 6q21

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

**Product images:**



Circular map for RG207244