

Product datasheet for **MG201351**

Ppil1 (BC058369) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ppil1 (BC058369) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Ppil1
Synonyms: 1110060O10Rik; AI327391; Cyp11
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG201351 representing BC058369
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGGCGATTCCCCAGACACCTGGCAGCCGCCAACGTCTACCTGGAGACTAGCATGGGAGTCATTG
 TCCTGGAGCTATACTGGAAGCATGCGCCCAAGACCTGCAAGAACTTCGCGGAGCTGGCTCGGCGGGGCTA
 CTACAATGGACCAAGTCCACAGGATCATCAAGGACTTCATGATCCAAGGCGGCGACCCGACAGGCACA
 GGTCGAGGTGGCGCATCTATTTATGGCAAACAGTTTGAAGATGAGCTTCATCCAGACCTGAAGTTCACTG
 GGGCTGGGATTCTCGCCATGGCCAACGCAGGACCAGACCAATGGCAGCCAGTTCTTTGTACCCTGGC
 CCCACGCAATGGCTGGACGGCAAGCATACTATTTTTGGCCGAGTGTGCCAGGGTATAGGGATGGTGAAT
 CGAGTGGGCATGGTGAAACAACTCCCAGGACCGTCCTGTGGACGACGTGAAGATTCTTAAGGCGTACC
 CCTCTGGA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG201351 representing BC058369
 Red=Cloning site Green=Tags(s)

MAAIPDPTWQPPNVYLETSMGVIIVLELYWKHAPKTKCNFAELARRGYNGTKFHRIIKDFMIQGGDPTGT
 GRGGASIVGKQFEDELHPDLKFTGAGILAMANAGPDTNGSQFFVTLAPTQWLDGKHTIFGRVCQIGIMVN
 RVGMVETNSQDRPVDDVKILKAYPSG

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



Cloning Scheme:


ACCN: BC058369

ORF Size: 500 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: [BC058369](#), [AAH58369](#)

RefSeq Size: 1201 bp

RefSeq ORF: 500 bp

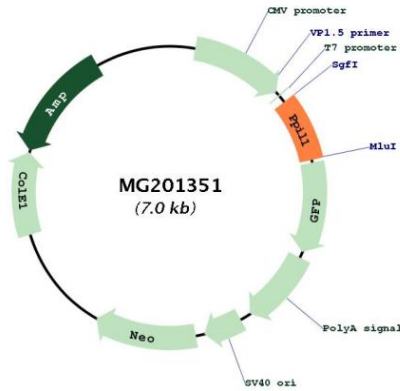
Locus ID: 68816

Cytogenetics: 17 A3.3

Gene Summary:

Involved in pre-mRNA splicing as component of the spliceosome. PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG201351