

## Product datasheet for **MR201351**

### **Ppil1 (BC058369) Mouse Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ppil1 (BC058369) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Ppil1  
**Synonyms:** 1110060O10Rik; AI327391; Cyp11  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >MR201351 ORF sequence  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGGCGATTCCCCAGACACCTGGCAGCCGCCAACGTCTACCTGGAGACTAGCATGGGAGTCATTG  
TCCTGGAGCTATACTGGAAGCATGCGCCAAGACTGCAAGAAGTTCGCGGAGCTGGCTCGCGGGGCTA  
CTACAATGGCACCAAGTCCACAGGATCATCAAGGACTTCATGATCCAAGCGGGACCCGACAGGCACA  
GGTCGAGGTGGCGCATCTATTTATGGCAAACAGTTTGAAGATGAGCTTCATCCAGACCTGAAGTTCAGT  
GGGCTGGGATTCTCGCCATGGCCAACGCAGGACCAGACACCAATGGCAGCCAGTCTTTGTGACCCCTGGC  
CCCCACGCAATGGCTGGACGGCAAGCATACTATTTTTGGCCGAGTGTGCCAGGGTATAGGGATGGTGAAT  
CGAGTGGGCATGGTGAAACAACTCCCAGGACCGTCTGTGGACGACGTGAAGATTCTTAAGGCGTACC  
CCTCTGGA

**ACGCGT**ACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR201351 protein sequence  
**Red=Cloning site Green=Tags(s)**

MAAIPPDTWQPPNVYLETSMGVIVLELYWKHAPKTKNFAELARRGYNGTKFHRIKDFMIQGGDPTGT  
GRGGASIYGKQFEDELHPDLKFTGAGILAMANAGPDTNGSQFFVTLAPTQWLDGKHTIFGRVCQIGIMVN  
RVGMVETNSQDRPVDDVKILKAYPSG

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI



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<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="#">BC058369</a> , <a href="#">AAH58369</a>
<b>RefSeq Size:</b>	1201 bp
<b>RefSeq ORF:</b>	500 bp
<b>Locus ID:</b>	68816
<b>Cytogenetics:</b>	17 A3.3
<b>MW:</b>	18.2 kDa
<b>Gene Summary:</b>	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]