

## Product datasheet for **MC202774**

### **Ppia (NM\_008907) Mouse Untagged Clone**

#### **Product data:**

**Product Type:** Expression Plasmids  
**Product Name:** Ppia (NM\_008907) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Ppia  
**Synonyms:** 2700098C05; Cphn; CyP-18; CypA  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC083076 sequence for NM\_008907  
 GCCACTGTCGCTTTTCGCGCTTGCTGCAGCCATGGTCAACCCACCGTGTCTTCGACATCACGGCCGA  
 TGACGAGCCCTTGGGCCGCTCCTTCGAGCTGTTGCAGACAAGTTCCAAAGACAGCAGAAAACCTTT  
 CGAGCTCTGAGCACTGGAGAGAAAAGGATTTGGCTATAAGGGTTCCCTTTACAGAAATTATCCAGGAT  
 TCATGTGCCAGGGTGGTACTTTACACGCCATAATGGCACTGGCGGCAGGTCCATCTACGGAGAGAAATT  
 TGAGGATGAGAACTTCATCCTAAAGCATACAGGTCTGGCATCTTGCCATGGCAAATGCTGGACCAAAC  
 ACAAACGGTTCAGTTTTTATCTGCACTGCCAAGACTGAATGGCTGGATGGCAAGCATGTGGTCTTTG  
 GGAAGGTGAAAGAAGGCATGAACATTGTGGAAGCCATGGAGCGTTTTGGGTCCAGGAATGGCAAGACCAG  
 CAAGAAGATCACCATTTCCGACTGTGGACAGCTCTAATTTCTTTGACTTGCGGGCATTATACCCATCAA  
 ACCATTCCTTCTGTAGCTCAGGAGAGCGTCCCTACCCCATCTGCTCGCAATGCTCCTGTAATCTCTGCTCT  
 CACTGAAGTTCTTTGGGTCCATATTTTCCTCATTCCCCTTCAAGTCTAGCTGGATTGCAAAGTTAAGTT  
 TATGATTATGAATAAAAATAAAGAACTGTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_008907

**Insert Size:** 495 bp

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**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).



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**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:** [BC083076](#), [AAH83076](#)

**RefSeq Size:** 769 bp

**RefSeq ORF:** 495 bp

**Locus ID:** 268373

**UniProt ID:** [P17742](#)

**Cytogenetics:** 11 3.97 cM

**Gene Summary:** PPIase that catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and may therefore assist protein folding.[UniProtKB/Swiss-Prot Function]