

## Product datasheet for MC210272

### Ppih (NM\_001110130) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ppih (NM_001110130) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ppih
Synonyms:	1100001J08Rik; 2010111B15Rik; 4833408F11Rik; AI464484; CYP-20; CYPH; D4Wsu43e
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC210272 representing NM_001110130 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCGGTGGCAAATTCAGTCCAGTCAATCCAGTGGTCTTCTTCGATGTCAGCATTGGCGGCCAGGAAG  
 TTGGTCGCATGAAAATCGAGCTCTTTCAGACGTGGTGCCTAAGACGGCAGAGAACTTTAGGCAATTCTG  
 CACCGGAGAGTTCAGAAAAGATGGCGTCCGATAGGATACAAAGGAAGCACCTTCCACAGGGTCATAAAG  
 GATTTTCATGATTCAGGTGGAGATTTTGTAAATGGCGATGGCACTGGAGTCGCCAGTATTTACCGGGGTC  
 CATTTGCGGATGAAAATTTAACTTAGACACTCTGCTCCAGGCCTGCTTCCATGGCAAACAGTGGTCC  
 CAGTACAAATGGCTGCCAGTTCTTTATCACGTGTTCTAAGTGTGATTGGCTGGATGGAAAGCATGTAGTG  
 TTTGGAATAATCATTGACGGACTTCTAGTGATGAGGAAGATCGAGTTCAGGCTCCTTTGGGAAAGAGAG  
 TTCAAGCTTGGACCCATTCAATTAACCTGCCAGCACTTACTGGGATTTTGGCTCTGATCCTGATGCCAC  
 TGA**ATAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001110130
Insert Size:	567 bp


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<b>OTI Disclaimer:</b>	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).
<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>Note:</b>	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
<b>RefSeq:</b>	<u>NM_001110130.1, NP_001103600.1</u>
<b>RefSeq Size:</b>	653 bp
<b>RefSeq ORF:</b>	567 bp
<b>Locus ID:</b>	66101
<b>UniProt ID:</b>	<u>Q9D868</u>
<b>Cytogenetics:</b>	4 55.34 cM
<b>Gene Summary:</b>	<p>PPlase that catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and may therefore assist protein folding. Participates in pre-mRNA splicing. May play a role in the assembly of the U4/U5/U6 tri-snRNP complex, one of the building blocks of the spliceosome. May act as a chaperone.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) has a different 3' terminal exon compared to transcript variant 1, resulting in a longer isoform (2) with a different C-terminus compared to isoform 1.</p>