

Product datasheet for **MC221327**

Ppig (NM_001081086) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ppig (NM_001081086) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ppig
Synonyms:	AU019516; AU022200; B230312B02Rik; CYP; SRCyp
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221327 representing NM_001081086
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGGATAAAGTCCAGCGTCCTCGGTGTTTTTTTTGACATTGCCATTAATAATCAACCTGCTGGAAGAG
 TTGTCTTTGAATTATTTCCGATGTATGTCCCAAACGTGTGAGAACTTTGCTGCCTTTGCACAGGTGA
 AAAAGGGACAGGGAAATCAACTCAGAAGCCATTACATTATAAGAGCTGTCTCTTTTCATAGAGTTGTCAAG
 GATTTTCATGGTTCAGGGTGGTACTTCAGTGAAGGGAATGGAAGAGGAGGAGAATCTATTTATGGAGGAT
 TCTTTGAAGATGAGAGTTTTGCTGTTAAACACAACAAAGAGTTTCTTTATCAATGGCCAACAGAGGGAA
 GGATACAAATGGCTCTCAGTTCTTTATAACAACAAAACCACTCCTCATTTAGATGGGCATCATGTTGTT
 TTTGGCAAGTGTCTCTGGTCAGGAAGTTGTGAGAGAGATTGAAAACCAGAAAACAGATGCCGCTAGCA
 AACCATTTGCTGAAGTTCGGATACTCAGTTGCGGAGAGCTGATTCCAAAGTCTAAGGTTAAGAAAGAAGA
 AAAGAAAAGGCATAAGTCTCGTCTCCTCCTCCTCCTCCAGTGACTCAGACAGCTCAAGCGATTCTCAGTCC
 TCCTCTGAGTCTTCTGATTCTGAAAGCGCTTCCGAAGAAAAATCCAGAAAAAGGAAAAAGAACATAGGA
 AAAATTCGAAAGCATAAGAAGGAGAAGAAGAAGCGAAAAGAAAAGCAAGAAAAGCCCATCTAGTAAAAG
 TGAAGCAGAAAATGTTGATGCACAGCCCACTACTGTCCGTCCAGAAGAGATCCCTCCTATACCAGAA
 AATAGATTTCTAATGAGAAAAAGTCTCCTAAAGCCGATGACAAGGAGAGGAAAAACAGAGAGAGAGAAA
 GAGAAAGAGAGTGAATCCACCTAACTCCCAGCCTGCTTCATACCAGCGACGATTCTTAGTACTAGGTC
 TGGCAGGAAAATTAAGGAAGAGGACCGAGGCGTTATCGAACTCCTTCCAGATCCAGATCGAGGGATCGA
 TTCAGCGAAGTGAAGTCAAGGGGATAAGAGTGAGTTAAATGAAATAAAAGAAAATCAAAGGAGCCCACT
 GTGGTAAAAGATGGATCAAAGGGGATAAGAGTGAGTTAAATGAAATAAAAGAAAATCAAAGGAGCCCACT
 TAGAGTAAAAGAGAAAAAATAACAGATCACAGACACATGTCTGAGAGTCCAAACAGAAAAGTAGAAAAAG
 GAAAAGAAAAGCTAAAGACCATAAATCTGAAAGCAAAGAGAGAGACATCAGAAGAAATTCAGAAAAAGATG
 ATAAATATAACAAAAACAAAGTGAAGAAAAGGGGCAAAATCCAAGAGTAGGAGCAAGAGCAAGGAGAGATC
 CAAGAGTAAGGAGCGAGACTCGAAGCACAGCAGACCAAGACAAGAGGGTGAGGTCAAGAAGTAAAGAA
 AGGGATCATGAGACTACTAAAGAAAAGAAAACCACTGGATCCTAAAGGGAAAGATCAGGAAAAGGAGTA
 GAAGCAAAGAGAACTCCAACAGGTAGAATCAAAAAGTAAATGAACATGATCATAGCAAAAAGTAAAGAAA
 GGATAGACGTGCACAGTCCAGGAGTAGAGAACGGGATCTGACTAAAAGTAAACACAGTTACAACAGTAGA
 ACAAGGGAGCGGAGCAGAAGTAGGGACAGGAGCAGAAGAGTGCGGTCCAGAAGCCACGACAGAGATCGCA
 GCAGAAGCAAGGAGTACCATAGATACAGAGAACAGGAGTATAGGAGAAGGGAAGGTACGGAAGCCGGGA
 TCGAAGAACGCCAGGACGATCGAGAAGTAAAGATAGGAGGAGAAGAAGGAGGGATTCCCGGAGCTCAGAG
 AGAGAAGAAAAGTCAAAGTAGAAACAAAGATAAATATAGAAGCCAAGAAAGTAAAGATTACACAGAAAAG
 AAAATCTGAGGGTGAGAAAAGAAGTACTCTAAAAGTCTGATCATAATAGCTCAAGTAAATACAGGGGA
 AAAAAAGGCTGATAGAGAGCAAAGTCCAGTGTCAAAAACAAAGCAAAGCAGTCAAGGACAATGAAGTGAAG
 TCCTCCACATTAATAAATCAAGAGGACGAAAAGACCAGATCCCGGTGAAAAAGAAAACCAAAAATCAA
 AGGTCGAAGAAAATGACCATGTACATGACAAAAATAAAAAATGTGATCATGAATCAAGCCCTGGAACAGA
 TGAAGACAAAAGTGGATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001081086
Insert Size: 2259 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).
Reconstitution Method:	<ol style="list-style-type: none">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_001081086.1 , NP_001074555.1
RefSeq Size:	6297 bp
RefSeq ORF:	2259 bp
Locus ID:	228005
UniProt ID:	A2AR02
Cytogenetics:	2 C2
Gene Summary:	PPlase that catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and may therefore assist protein folding. May be implicated in the folding, transport, and assembly of proteins. May play an important role in the regulation of pre-mRNA splicing.[UniProtKB/Swiss-Prot Function]