

Product datasheet for **MC216775**

Ppil4 (NM_026141) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ppil4 (NM_026141) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ppil4
Synonyms:	3732410E19Rik; 3830425H19Rik; AI788954; AW146233; PPlase
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC216775 representing NM_026141
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGGCGGTTCTCTTGGAGACCACTCTGGGCGACGTGGTCATCGACTTGTACACTGAAGAGCGTCCCGGG
 CTGCTTGAATTTTTTGAAGCTGTGCAAAATAAAATATTACAACCTATTGCCTCATACACAATGTACAGAG
 GGATTTTATCATACAAACAGGAGATCCACGGGGACTGGCCGCGGAGGAGAGTCTATATTTGGACAACCTG
 TATGGTGATCAAGCAAGCTTTTTTGAAGCAGAAAAAGTACCAAGGATAAAGCACAAGAAGAAAGGCACTG
 TGTCCATGGTGAACAACGGCAGTGACCAGCACGGGTCTCAGTTTCTTACTACTACAGGAGAAAACTTAGA
 TTACCTTGACGGTGTTTATACAGTGTTTGGTGAAGTGACAGAAGGCATGGACATAGTTAAGAAAAATCAAT
 GAGACCTTTGTGGACAAGGATTTTGTACCATATCAAGATATAAGGATAAATCATACAGTGATTTTAGATG
 ATCCATTTGATGACCCTCTGATTTATTAATTCCTGATCGATCACCCGAGCCTACAAAGGAACAATTAGA
 TAGTGGTCGAATAGGAGCAGATGAAGAAATTGATGACTTCAAAGGAAGATCAGCTGAAGAAGTAGAAGAA
 ATAAAGGCAGAAAAAGAGGCTAAAACTCAAGCTATTCTCTTGGAGATGGTGGGAGACTTACCTGATGCAG
 ATATTAACCTCCAGAAAATGTGCTGTTTGTGTGTAATGAATCCAGTGACCACAGATGAGGACTTGGA
 GATAATATTCTCAAGATTTGGGCCAATAAGAAGTTGTGAAGTTATCCGGGATTGGAACAGGAGAGTCC
 CTCTGTTATGCTTTTATTGAATTTGAAAAGGAAGAAGACTGTGAGAAAGCATTCTTCAAAATGGATAATG
 TGCTTATAGATGACAGGAGGATACATGTGGATTTCAGCCAGTCTGTTGCAAAGGTTAAATGGAAAGGAAA
 AGGTGGGAAATATACCAAGAGTGATTTCAAGGAGTATGAAAAGGAACAGGATAAACCAGCCAATTTGGTT
 CTGAAAGAAAAAGTAAAGCCCAACAGGATGCAAAATATGATCTTATACTAGATGAGCAGGGAGAAGACT
 CCAATCAAGTCACTCACACACAAGTAAAAAGCAGAAAAAGAAAAACAGCCACTGCTCCGAAGAAAAAGA
 AGATGAAGAGTACATGCCAATCAAAAATCCTAATCAGGATATCTACAGGGAATGGGTTTTTGGTCATTAT
 GAAGAAGAAGAAAGCTGTTGGGAGAAACAGAAGATGAAAAGAGAGACCGACGTCAGAACCAGCAGTCGTA
 GCCGGTCTCGAGAAAGGGATGGTCACTATAGCAACAGCCACAAACCAAGTACCAGACAGAACCTTATGA
 GAGGGAAGAAGCAGAAAGAGGGACAGAAGCAGGAGTCCAAGAAATCCAAGCTAAAGAAAAATCCAAG
 TACAGATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_026141

Insert Size: 1479 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_026141.3</u> , <u>NP_080417.2</u>
RefSeq Size:	2910 bp
RefSeq ORF:	1479 bp
Locus ID:	67418
UniProt ID:	<u>Q9CXG3</u>
Cytogenetics:	10 A1
Gene Summary:	PPlases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides (By similarity).[UniProtKB/Swiss-Prot Function]