

Product datasheet for **MC206574**

Ppil2 (BC028899) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ppil2 (BC028899) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ppil2
Synonyms:	1700016N17Rik, 4921520K19Rik, 4930511F14Rik, 0610009L05Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for BC028899, the custom clone sequence may differ by one or more nucleotides

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ATGGGGAAGCGACAGCACCAGAAGGACAAGATGTATATCACTTGTGCTGAGTATACTCATTCTATGGTG
GCAGGAAGCCAGATATCTCACAGACAAGTTTTCGCCGATTACCTTTTGACCACTGCAGTCTCTCTCCA
GCCTTTTGTCTACCCAGTCTGCACCCAGAAAGGTGTCGCTTTTGACTTGTGAACATTGTTCCCTGGCTT
AAGAAGTATGGGACGAATCCAGCACTGGAGAGAACTTGATGGGAAGTCCTTGATCAAGCTGAACCTCG
CAAAGAACAGCGAAGGGCAGTACCCTGTCCAGTGTATTCCGTGTTCACTGACAACACCCATATTGT
GGCCATCAGGACAAGTGGCAATGTCTACACCTATGAGGCAGTGGAGCAGCTAAACATCAAGGCCAAGAAC
TTGCGGGATCTGTTGACCGATGAGCCCTTTCCAGGCAAGACATCATCCCTGCAGGACCCACCAATT
TGGACAAATTCAATGTTAGCACTTCTCCATGTGAAGAATAACATGAGAATAATAGACCCAGATGAGGA
AAAGGCCAAACAAGACCCATCTTATTATTTGAAAAACACAATTCGGAGACGAGAGACGCTACAGGAG
CTCTACAAAGAGTTCAAAGGAGATGAGATTTTAGCAGCTACCATGAGGCCACCTGAGAAGAAGAAGTGG
ACCAACTGAATGCGGCCACTACTCCACAGGGAAGGTGAGTGCATCCTTACCTCTACTGCCATGGTGCC
CGAGACCACGCATGAAGCAGCTGTATTGATGAAGATGTACTGCGCTACCAGTTTGTGAAGAAAAAGGGC
TATGTAAGGCTTACACCAACAAGGGCGACCTTAACTTAGAGCTGCACTGTGACCTGACACCAAAAACTT
GTGAAAATTCATCAAGCTCTGCAAGAAACAGTATTATGATGGTACCATCTTTCACAGGTCCATCAGGAA
CTTTGTGATCCAGGGCGGTGACCCACAGGTACAGGCACAGGTGGAGAGTCACTTCTGGGGCAAGCCTTTC
AAAGATGAGTTCCGTCCCAACCTTTCACACACGGGCCGTGGGGTGTCTCAGCATGGCCAATTCGGGGCCCA
ACACCAACAAGTCTCAGTCTTTCATCACATCCGATCCTGCGCTTACCTGGATAAGAAGCATACCATCTT
TGGACGGGTGTTGGGGGCTTTGACACGCTGACAGCCATGGAGAATGTGGAGAGTGACCCAAAACCTGAC
CGTCTTAAGGAGGAAGTGTCTATGTACAACCACAGTGTGTTGGACCCCTATGAGGAGGCTGATGCC
AGATTGCCCAGGAACGGAAGAAGACACAGCATCAGGTGGATCCAGAGGCCAAAGTCAAGATGAGTCAGCC
CCAGCCTGGAACCAGGGACCCAGACATACCGCCAGGGGTGGGCAAGTACATCCACCCTGCGGCCACG
AAACGATCAGCAGAGGAAGAACCATCGACCAGCACTGCCACCCACAGCCAAGAAAAGGCCAGTGGG
GCTTTGGGGACTTCAGCTCCTGGTAG
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Restriction Sites: EcoRI-NotI

ACCN: BC028899

Insert Size: 1566 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.

RefSeq: [BC028899](#), [AAH28899](#)

RefSeq Size: 2241 bp

RefSeq ORF: 1566 bp

Locus ID: 66053

Cytogenetics: 16 A3

Gene Summary: Has a ubiquitin-protein ligase activity acting as an E3 ubiquitin protein ligase or as an ubiquitin-ubiquitin ligase promoting elongation of ubiquitin chains on substrates. By mediating 'Lys-48'-linked polyubiquitination of proteins could target them for proteasomal degradation. May also function as a chaperone, playing a role in transport to the cell membrane of BSG/Basigin for instance. Probable inactive PPIase with no peptidyl-prolyl cis-trans isomerase activity.[UniProtKB/Swiss-Prot Function]