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Product datasheet for MC228143

Ppil2 (NM_001252444) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ppil2 (NM_001252444) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ppil2
Synonyms:	0610009L05Rik; 1700016N17Rik; 4921520K19Rik; 4930511F14Rik; AA589416; C130078A06Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin

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Fully Sequenced ORF:

>MC228143 representing NM_001252444
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGGAAGCGACAGCACCAGAAGGACAAGATGTATATCACTTGTGCTGAGTACACTCATTTCTATGGTG
GCAGGAAGCCAGATATCTCACAGACAAGTTTTCGCCGCTTACCTTTTGACCACTGCAGTCTCTCTCTCCA
GCCTTTTGTCTACCCAGTCTGCACCCCAGAAGGTGTCGTCTTTGACTTGCTGAACATTGTTCCCTGGCTT
AAGAAGTATGGGACGAATCCCAGCACTGGAGAGAAACTTGATGGGAAGTCCTTGATCAAGCTGAACTTCG
CAAAGAACAGCGAAGGGCAGTACCACTGTCCAGTGCTGTATTCCGTGTTCACTGACAACACCCATATTGT
GGCCATCAGGACAACTGGCAATGTCTACACCTATGAGGCAGTGGAGCAGCTAAACATCAAGGCCAAGAAC
TTGCGGGATCTGTTGACTGATGAGCCCTTTTCCAGGCAAGACATCATCACCCTGCAGGACCCCACCAATT
TGGACAAATTCAATGTTAGCAACTTCTTCCATGTGAAGAATAACATGAGAATAATAGACCCAGATGAGGA
AAAGGCCAAACAAGACCCATCTTATTATTTGAAAAACACAAATTCGGAGACGAGAGAGACGCTACAGGAG
CTCTACAAAGAGTTCAAAGGAGATGAGATTTTAGCAGCTACCATGAGGCCACCTGAGAAGAAGAAGGTGG
ACCAACTGAATGCGGCCCACTACTCCACAGGGAAGGTCAGTGCATCCTTCACCTCTACTGCCATGGTGCC
CGAGACCACGCATGAAGCAGCTGTCATTGATGAAGATGTACTGCGCTACCAGTTTGTGAAGAAAAAGGGC
TATGTAAGGCTTCACACCAACAAGGGCGACCTTAACTTAGAGCTGCACTGTGACCTGACACCAAAAACCT
GTGAAAACTTCATCAAGCTCTGCAAGAAACAGTATTATGATGGTACCATCTTTCACAGGTCCATCAGGAA
CTTTGTGATCCAGGGCGGTGACCCCACAGGTACAGGCACAGGTGGAGAGTCATTCTGGGGCAAGCCTTTC
AAAGATGAGTTCCGTCCCAACCTTTCACACACGGGCCGTGGGGTGCTCAGCATGGCCAATTCGGGGCCCA
ACACCAACAAATCTCAGTTCTTCATCACATTCCGATCCTGCGCTTACCTGGATAAGAAGCATACCATCTT
TGGACGGGTTGTTGGGGGCTTTGACACGCTGACAGCCATGGAGAATGTGGAGAGTGACCCTAAAACTGAC
CGTCCTAAGGAGGAAGTGCTCATATGTACAACCACAGTGTTTGTGGACCCCTATGAGGAGGCTGATGCCC
AGATTGCCCAGGAACGGAAGAAGACACAGCATCAGGTGGATCCAGAGGCCAAGGTCAAGATGAGTCAGCC
CCAGCCTGGAAACCAGGGACCCCAGACATACCGCCAGGGGGTGGGCAAGTACATCCACCCTGCGGCCACG
AAACGATCAGCAGAGGAAGAACCATCGACCAGCACTGCCACCCCCACGGCCAAGAAAAGGCCCAGTCGGG
GCTTTGGGGACTTCAGCTCCTGGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001252444

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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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:	NM_001252444.1, NP_001239373.1
RefSeq Size:	2328 bp
RefSeq ORF:	1566 bp
Locus ID:	66053
UniProt ID:	Q9D787
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] Transcript Variant: This variant (1) represents the longest transcript. Variants 1, 2 and 3 encode the same protein.