

Product datasheet for **MG220868**

Ppil6 (NM_028430) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ppil6 (NM_028430) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Ppil6
Synonyms: 2900084F20Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG220868 representing NM_028430
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCACCCAGCAGCCGTGCCGGCCCAAGTCGAAGCCCCAGCATGTCACGTGCGGTTGCCGCCGAGC
 CGCCCCGAAGCTGAAGGTGGTGGGGCTTTCAAAGCTCCAGCTTTAGGTGTCAAAGACCATCGCTGA
 GACTTTGAAAACCAGCTACCCGTACAGATTTGAAGATCCGGTGATAGTTCCTCTCAAGAGTTTGCCTGG
 GATCAGTTTCTGGAGGAGAAGAAGAGGGAAGTGAAGGGTGAACCTGGGTCTATTCCTCTATGTGATGT
 GTTTTGTAAATGATCAACTCCTGGTAACGCATTTGATCTGAAGAAGTGGGCCCAGAAGGTGGGATGT
 GATCGATGTCCGGCCCTCCGCTCTGTATGAGGCGCTGACTCTGGACTATGCCACGAAGTTCTTAAAGAC
 ACCAAGCATGATTTTGTGTACTTGGACATTTGATTGATCTTTCTCCAATTGGAAGACTGATTTTGGAGC
 TGTATTGTGATGCATGTCCCAGAACATGTACAAATTTTCAGGTCTTGTGCACAGGAACGTCAGGATTTTC
 TGAGAGAGGCACAAAGCTTCATTACAAAGATTCGATTTTTCATCGAGTAGTTCAGAATGGTTGGATACAA
 GGAGGAGATATAGTACAGGGGCGCGGAGACGACGGAGAGTCTATTTATGGACCAACGTTTGAAGATGAAA
 ACTTCTCGATTCTCACAAATAAGAGGGGAGTCTTGAATGGTCAATAAGGGCCATCACACCAATGGGTC
 ACAATTCTACATCACACTACAGGCAGCTCCCTACTTGGATAAAAAATATGTGGCTTTTGGCAACTAATC
 GAAGGAACCCACGTTCTTAAAGCAACTAGAATTAGTCCCAACAGAGAACGAAAGACCATTGCTTCTTTGCA
 GTATTGCAGACAGTGGAGTCTTTACACA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG220868 representing NM_028430
 Red=Cloning site Green=Tags(s)

MATQQPCRPKSKPPACHVRLPPEPPLKLVVGLFKSSSFQVSKTIAETLKTSYPYRFEDPVIVPLQEF
 AW DQFL EEEKRELKGETWVYSSYVMCFVNDQLLGNAFDLKKWAQKVWDVIDVRPSALYEAL
 TLDYATKFLKD TKHDFVYLDICIDLSPIGRLIFELYCDACPRTCTNFQVLCTGTSGF
 SERGTLHYKDSIFHRVVQNGWIIQ GGDIVQGRGDDGESIYGPTFEDENFSIPH
 NKRGLVGMVKNKGHTNGSQFYITLQAAPYLDKKYVAFGQLIEGTHVLKQLELVPTENER
 PLLLLCSIADSGVLYT

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_028430

ORF Size: 939 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_028430.1](#), [NP_082706.1](#)

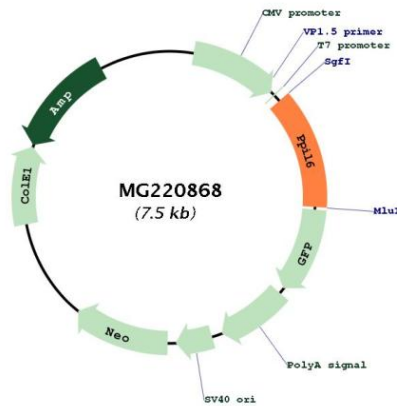
RefSeq Size: 1093 bp

RefSeq ORF: 942 bp

Locus ID: 73075

Cytogenetics: 10 B2

Product images:



Circular map for MG220868