

Product datasheet for MR228216

Ppil3 (NM_001285827) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ppil3 (NM_001285827) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ppil3
Synonyms: 2310076N22Rik; 2510026K04Rik; Cyp10l
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR228216 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGGATCGCC

ATGTCTGTGACTGCATACAGATGTGGGAGATATCAAGATAGAAGTCTTCTGTGAGAGAACACCCAAAA
CATGTGAGAATTTCTGGCTCTTTGTGCCAGTAATTACTACAACGGCTGTGTGTTTCATAGAAATATCAA
GGGCTTCATGGTTCAAACAGGAGATCCAACAGGTACTGGAAGAGGAGGTAGCAGCATCTGGCCAAAAAG
TTTGAGGATGAATACAGTGAATATCTGAAGCACAATGTTTCGAGGTGTTGTATCTATGGCTAATAATGGCC
CAAATACCAATGGATCTCAGTTCTCATCACCTATGGCAAGCAGCCACACTTGGACATGAAATATACAGT
GTTTGGAAAGGTAATAGATGGTCTGGAGACTTTGGATGAGTTGGAGAAGTTACCAGTAAATGAGAAGACA
TACAGACCTCTAATGATGTACACATTAAGGACATAACTATTCATGCCAACCCATTTGCTCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR228216 protein sequence
Red=Cloning site Green=Tags(s)
MSVTLHTDVGDIKIEVFCERTPKTCENFLALCASNYNGCVFHRNIKGFMVQTDPTGTGRGSSIWAKK
FEDEYSEYLNKHNVRGVVSMANNPNTNGSQFFITYGKQPHLDMKYTVFGKVIDGLETLDELEKLPVNEKT
YRPLNDVHIKDITIHANPFAQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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Cloning Scheme:



ACCN: NM_001285827

ORF Size: 486 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_001285827.1](#), [NP_001272756.1](#)

RefSeq Size: 1086 bp

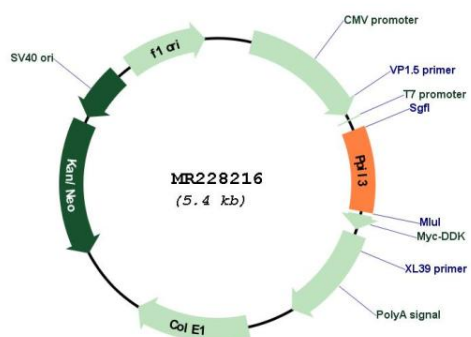
RefSeq ORF: 486 bp

Locus ID: 70225

UniProt ID: [Q9D6L8](#)

Cytogenetics:	1 C1.3
MW:	18.1 kDa
Gene Summary:	PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides. May be involved in pre-mRNA splicing (By similarity). [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR228216