

Product datasheet for **RN201181**

Ppif (NM_172243) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ppif (NM_172243) Rat Untagged Clone
Tag: Tag Free
Symbol: Ppif
Synonyms: CyP-D; CypD; PPIase
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN201181 representing NM_172243
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCTAGCTCTGCGCTGCGGTCCCCGCCTGCTCGGTCTGCTCTCCGGCCCGCTCCGCGCCGCTCCTCC
TCTCCACGACCCGTACCTGCAGCGACGGCGGAGCCGAGGCGCGAACTTCTCTCCAAAACCCGCTCGT
GTACTTGGACGTGGGCGCCGACGGACAGCCGCTCGGCCGCGTGGTCTGGAGTTAAAGGCAGATGTCGTG
CCAAAGACAGCAGAGAACTTCAGAGCCCTGTGCACTGGTGAGAAGGGCTTTGGCTACAAAGGCTCCACCT
TCCACAGGGTCATCCCAGCCTTCATGTGCCAGGCTGGCGACTTCACCAATCACAATGGCAGCGGGAGGGAA
GTCCATCTACGGAAGCCGCTTCTGACGAGAACTTCACACTGAAGCACGTGGGACCAGGTGTCCTGTCC
ATGGCAAACGCAGGCCCAACACCAATGGCTCTCAGTTCTTTATCTGCACAATAAAGACAGACTGGCTGG
ATGGCAAGCATGTTGTGTTTGGCCATGTCAAAGAGGGCATGGATGTTGTGAAGAAAATAGAATCTTTCCG
CTCAAAAAGTGGGAAGACATCTAAGAAGATTGTCATCACAGACTGTGGCCAGTTGAGCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_172243
Insert Size: 621 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).



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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:	<ol style="list-style-type: none">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:	<u>NM_172243.1</u> , <u>NP_758443.1</u>
RefSeq Size:	1498 bp
RefSeq ORF:	621 bp
Locus ID:	282819
UniProt ID:	<u>P29117</u>
Cytogenetics:	16p16
Gene Summary:	mitochondrial isozyme of peptidyl-prolyl cis-trans-isomerase; enzyme activity is inhibited by cyclosporin A [RGD, Feb 2006]