

Product datasheet for **RN200398**

Pparg (NM_013124) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pparg (NM_013124) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pparg
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN200398 representing NM_013124
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGTGAAACTCTGGGAGATCCTCCTGTTGACCCAGAGCATGGTGCCTTCGCTGATGCACTGCCTATGA
 GCACTTACAAGAAATTACCATGGTTGACACAGAGATGCCATTCTGGCCACCAACTTCGGAATCAGCTC
 TGTGGACCTCTCTGTGATGGATGACCACTCCCATTCTTTGACATCAAACCCCTTACCACGGTTGATTTCC
 TCCAGCATTCTGCTCCACACTATGAAGACATCCCCTTACAAGAGCTGACCCAATGTTGCTGATTACA
 AATATGACCTGAAGCTCCAAGAATACCAAAGTGCATCAAAGTAGAGCCTGCGTCCCCGCTTATTATTC
 TGAAAAACCAACTCTACAACAGGCCACATGAAGAGCCTTCAAACCTCCCTCATGGCCATCGAGTGCCGA
 GTCTGTGGGGATAAAGCATCAGGCTTCCACTATGGAGTCCATGCTTGTGAAGGATGCAAGGGTTTTTCC
 GAAGAACCATCCGATTGAAGCTTATTTATGATAGGTGTGATCTTAACTGTCGGATCCACAAAAGAGTAG
 AAATAAATGTCAGTACTGTCGGTTTCAGAAAGTGCCTTGTGTGGGGATGTCTACAATGCCATCAGTTTT
 GGGCGAATGCCACAGGCCGAGAAGGAGAAGCTGTTGGCGGAGATCTCCAGTGATATCGACCAGCTGAACC
 CAGAGTCTGCTGATCTGCGAGCCCTGGCAAAGCATTGTATGACTCATACATAAAGTCTTCCCCTGAC
 CAAAGCCAAGGCGAGGGCGATCTTGACAGGAAAGACAACAGACAAATCACCATTGTCTACGACATG
 AATTCCTTAATGATGGGAGAAGACAAAATCAAGTTCAAACATATCACCCCTGCAGGAGCAGAGCAAAG
 AGGTGGCCATCCGCATTTTTCAAGGGTCCAGTTTCGATCCGTGGAAGCTGTGCAAGAGATCACAGAGTA
 TGCCAAAAATATCCCTGGTTTCATTAACTTGAATTGAATGACCAAGTACTCTGCTCAAGTATGGTGTC
 CATGAGATCATCTACCCATGCTGGCCTCCCTGATGAATAAAGATGGAGTCCATATCAGAGGGACAAG
 GATTCATGACCAGGGAGTTCCTCAAAGCCTGCGGAAGCCCTTGGTGACTTTATGGAGCCTAAGTTTGA
 GTTTGCTGTGAAGTTCAATGCACTGGAATTAGATGACAGTACTGGCCATATTTATAGCTGTCATTATT
 CTCACTGAGAGACCGCCAGGCTTCTGAACGTGAAGCCATCGAGGACATCCAAGACAACCTGCTGCAGG
 CCCTGGAAGTCCAGCTGAAGCTGAACCACCCGAGTCTCCAGCTGTTCCGCAAGGTGCTCCAGAAGAT
 GACAGACCTCAGGCAGATTGTACAGAGCACGTGCAGCTACTGCATGTGATCAAGAAGACGGAGACAGAT
 ATGAGCCTTACCCTCTGCTCCAGGAGATCTACAAGGACTTGTAT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_013124

Insert Size: 1518 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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: [NM_013124.3](#), [NP_037256.1](#)

RefSeq Size: 1805 bp

RefSeq ORF: 1518 bp

Locus ID: 25664

UniProt ID: [O88275](#)

Cytogenetics: 4q42

Gene Summary: ligand-activated transcription factor; mediates expression of genes involved in lipid metabolism [RGD, Feb 2006]

Transcript Variant: This variant (1) encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.