

## Product datasheet for **RR216752**

### **Pparg (NM\_001145367) Rat Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pparg (NM_001145367) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pparg
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RR216752 representing NM\_001145367  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGTTGACACAGAGATGCCATTCTGGCCACCAACTTCGGAATCAGCTCTGTGGACCTCTCTGTGATGG  
 ATGACCACTCCCATTCTTTGACATCAAACCCCTTACCACGGTTGATTTCTCCAGCATTTCTGCTCCACA  
 CTATGAAGACATCCCGTTCACAAGAGCTGACCCAAATGGTTGCTGATTACAAATATGACCTGAAGCTCCAA  
 GAATACCAAAGTGCATCAAAGTAGAGCCTGCGTCCCCGCCTTATTATTCTGAAAAAACCAACTCTACA  
 ACAGGCCACATGAAGAGCCTTCAAACCTCATGGCCATCGAGTGCCGAGTCTGTGGGGATAAAGCATC  
 AGGCTTCCACTATGGAGTCCATGCTTGTGAAGGATGCAAGGGTTTTTCCGAAGAACCATCCGATTGAAG  
 CTTATTTATGATAGGTGTGATCTTAAGTGTGGATCCACAAAAAGAGTAGAAATAAATGTCAGTACTGTC  
 GGTTTCAGAAAGTGCCTTGTGTGGGATGTCTCACAATGCCATCAGGTTTGGGCGAATGCCACAGGCCGA  
 GAAGGAGAAGCTGTTGGCGGAGATCTCCAGTGATATCGACCAGCTGAACCCAGAGTCTGCTGATCTGCGA  
 GCCTGGCAAAGCATTGTATGACTCATACATAAAGTCCTTCCCCTGACCAAAGCCAAGGGAGGGCGA  
 TCTTGACAGGAAAGACAACAGACAAATCACCATTTGTCATCTACGACATGAATTCCTTAATGATGGGAGA  
 AGACAAAATCAAGTTCAAACATATCACCCCTGCAGGAGCAGAGCAAAGAGGTGGCCATCCGCATTTTT  
 CAAGGGTGCCAGTTTCGATCCGTGGAAGCTGTGCAAGAGATCACAGAGTATGCCAAAAATATCCCTGGTT  
 TCATTAACCTTGACTTGAATGACCAAGTACTCTGCTCAAGTATGGTGTCCATGAGATCATCTACCCAT  
 GCTGGCCTCCCTGATGAATAAGATGGAGTCTCATATCAGAGGGACAAGGATTCATGACCAGGGAGTTC  
 CTCAAAGCCTGCGGAAGCCCTTGGTGACTTTATGGAGCCTAAGTTTGAGTTTGTGTGAAGTTCAATG  
 CACTGGAATTAGATGACAGTGACTTGGCCATATTTATAGCTGTCATTATCTCAGTGGAGCCGCCAGG  
 CTTGCTGAACGTGAAGCCATCGAGGACATCCAAGACAACCTGCTGCAGGCCCTGGAACCTCAGCTGAAG  
 CTGAACACCCGAGTCTCCCAGCTGTTCCGCAAGGTGCTCCAGAAGATGACAGACCTCAGGCAGATTG  
 TCACAGAGCACGTGCAGTACTGCATGTGATCAAGAAGACGGAGACAGATATGAGCCTTACCCTCTGCT  
 CCAGGAGATCTACAAGGACTTGTAT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR216752 representing NM\_001145367  
 Red=Cloning site Green=Tags(s)

MVDTEMPFWPTNFGISSVDLSVMDHSHSFDIKPFTTVDFSSISAPHYEDIPFTRADPMVADYKYDLKLQ  
 EYQSAIKVEPASPPYYSEKTQLYNRPHHEEPSNSLMAIECRVCGDKASGFHYGVHACEGCKGFFRRTIRLK  
 LIYDRCDLNCRIHKSRNKQYCRFQKCLAVGMSHNAIRFGRMPQAEKEKLLAEISSDIDLNPESADLR  
 ALAKHL YDSYIKSFPLTKAKARAILTGKTTDKSPFVIYDMNSLMMGEDKIKFKHITPLQEQSKEVAIRIF  
 QGCQFRSVEAVQEITEYAKNIPGFINLDLNDQVTLKYGVHEIIYTMLASLMNKDGVLISEGQGFMTREF  
 LKSLRKPFGDFMEPKFEFAVKFNALELDDSLAIFIAVIILSGDRPGLLNKPIEDIQDNLLQALELQLK  
 LNHPSSQLFAKVLQKMTDLRQIVTEHVQLLHVIKKTTETDMSLHPLLQEIKYKDLV

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-Mlul

**Cloning Scheme:**



**ACCN:** NM\_001145367

**ORF Size:** 1425 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\\_001145367.1](#), [NP\\_001138839.1](#)

**RefSeq Size:** 2008 bp

**RefSeq ORF:** 1428 bp

**Locus ID:** 25664

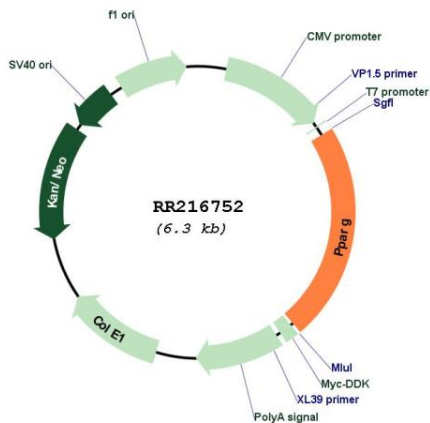
**UniProt ID:** [O88275](#)

**Cytogenetics:** 4q42

**MW:** 54.5 kDa

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

**Product images:**



Circular map for RR216752