

## Product datasheet for **RR214393**

### **Ppara (NM\_013196) Rat Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ppara (NM_013196) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ppara
Synonyms:	PPAR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>RR214393 representing NM\_013196  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGTGGACACAGAGAGCCCCATCTGTCTCTCTCCCACTTGAAGCAGATGACCTGAAAGTCCCTTAT  
 CTGAAGAATTCTTACAAGAGATGGGAAACATTCAGAGATTTCTCAGTCCCTCGGAGAGGAGAGTCCGG  
 AAGCTTTAGTTTTGCGGACTACCACTACTTAGGGAGCTGTCCAGGCTCGGAGGGCTCTGTATCACAGAC  
 ACCCTCTCTCCAGCTTCCAGCCCCTCTCAGTCAGCTGCCCTGCTGTCCCACCAGTACAGATGAGTCCC  
 CTGGCAATGCACTGAACATCGAGTGTGAATATGTGGGACAAGGCCTCAGGATACCACTATGGAGTCCA  
 CGCATGTGAAGGCTGCAAGGGCTTCTTTGCGGAACTATTCGGCTAAAGCTGGCTACGACAAGTGTGAT  
 CGAAGCTGCAAGATTAGAAAAAGAACCGGAACAATGCCAGTACTGCCGTTTCCACAAGTGCCTGTCCG  
 TCGGGATGTACACAATGCAATCCGTTTTGGAAGAATGCCAAGATCTGAGAAAGCAAACTGAAGGCAGA  
 AATCCTTACCTGTGAACACGATCTGAAAGATTCGAAACTGCAGACCTCAAATCTCTGGCCAAGAGAATC  
 CACGAAGCCTACCTGAAGAACTCAACATGAACAAGGTCAAGGCCGGGTCACTCGCAGGAAAGACTA  
 GCAACAATCCGCCTTTTGTATACATGACATGGAGACCTTGTGCATGGCTGAGAAGACGCTTGTGGCCAA  
 GATGGTAGCCAACGGCGTTGAAAACAAGGAGGCAGAGGTCGATTCTTCCACTGCTGCCAGTGCATGTCC  
 GTGGAGACCGTACCCGAGCTCACGGAATTTGCCAAGGCTATCCCAGGCTTTGCAAACTTGGACTTGAATG  
 ACCAGGTTACCTGTGTAAGTACGGTGTGTATGAAGCCATCTTCCAGTGTCTCTCTTGTATGAACAA  
 AGACGGGATGTGATCGCGTACGGCAATGGCTTCAATCACCCGAGAGTTCTAAAGAACCTGAGGAAGCCA  
 TTCTGCGACATCATGGAACCAAGTTGACTTCGCTATGAAGTTCAATGCCCTCGAACTGGATGACAGTG  
 ACATTTCCCTTTTGTGGCTGTATAATTTGCTGTGGAGATCGGCCTGGCCTTCTAAACATAGGATCAT  
 TGAGAAGTTGACAGGAGGGGATTGTGCACGTGCTCAAGCTCCACCTGCAGAGCAACCATCCGGATGATACC  
 TTTCTCTTCCAAAACCTCTTCAAAAAATGGTGGACCTCCGCGAGCTGGTACGGAGCATGCGCAGCTCG  
 TGCAGGTATCAAGAAGACCGAGTCAGACGCGCGTTGCACCCACTGTTGCAAGAGATCTACAGAGACAT  
 GTAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR214393 representing NM\_013196  
 Red=Cloning site Green=Tags(s)

MVDTESPICPLSPL EADDESPLSEEF LQEMGNIQEISQSLGEESGGSF SFADYQYLGSCPGESESVITD  
 TLSPASSPSSVSCP AVPTSTDESPGNALNIECRICGDKASGYHYGVHACEGCKGFFRRTIRLKLAYDKCD  
 RSCKIQKKNRNCQYCRFHKCLSVGMSHNAIRFGRMPRSEKAKLKA EILTCEHDLKDSETADLKLAKRI  
 HEAYLKNFNMNKVKARVILAGKTSNPPFVIHDMETLCMAEKT LVAKMVANGVENKEAEVRFHCCQCMS  
 VETVTELETEFAKAI PGFANLDLNDQVTL LKYGVYEAIFTMLSSLMNKDGMLIAYGNGITREFLNLRKP  
 FCDIMEPKFDFAMKFNAL ELDDSDISL FVAAIICGDRPGLLNIGYIEKLQEGIVHVLKHLQSNHPDDT  
 FLFPKLLQKMVDLRQLVTEHAQLVQVIKKTESDAALHPLLQE IYRDMY

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/ja2246\\_h05.zip](https://cdn.origene.com/chromatograms/ja2246_h05.zip)

**Restriction Sites:**

Sgfl-MluI

Cloning Scheme:



ACCN: NM\_013196

ORF Size: 1404 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](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

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.

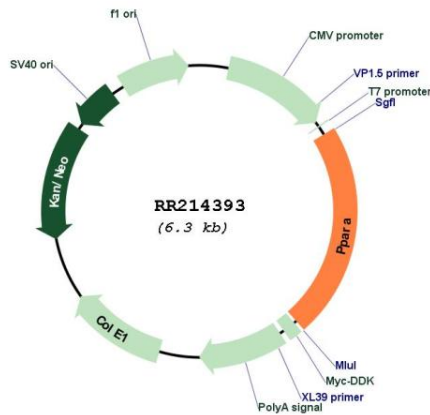
Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

- 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\\_013196.1, NP\\_037328.1](#)  
 RefSeq Size: 2022 bp  
 RefSeq ORF: 1407 bp  
 Locus ID: 25747  
 UniProt ID: [P37230](#)  
 Cytogenetics: 7q34  
 MW: 52.8 kDa

**Gene Summary:** nuclear steroid receptor; heterodimerizes with retinoid-X receptor (RXR), and binds to peroxisome proliferator response elements (PPREs) to initiate the transcriptional regulation of target genes [RGD, Feb 2006]

**Product images:**



Circular map for RR214393