

## Product datasheet for **RR203216**

### Ppard (NM\_013141) Rat Tagged ORF Clone

#### Product data:

|                          |   |
|--------------------------|---|
| Product Type:            | Expression Plasmids   |
| Product Name:            | Ppard (NM_013141) Rat Tagged ORF Clone                                      |
| Tag:                     | Myc-DDK   |
| Symbol:                  | Ppard   |
| Synonyms:                | Pparb   |
| Vector:                  | pCMV6-Entry (PS100001)  |
| E. coli Selection:       | Kanamycin (25 ug/mL)  |
| Cell Selection:          | Neomycin  |
| ORF Nucleotide Sequence: | >RR203216 representing NM_013141<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGC**

ATGGAACAGCCACAGGAGGAGACCCCTGAGGCCGGGAAGAGGAGAAAGAGGAAGTGGCCACGGGTGACG  
GAGCCCCAGAGCTCAACGGGGGACCAGAGCACACCCTTCTTCCAGCAGCTGCACAGACCTCTCCAGAA  
TTCTCCCTTCTCTCCCTGCTGGACCAGCTGCAGATGGGCTGTGATGGGGCTCAGGTGGCAGCCTCAAC  
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GAAGAAGAACCACAAGTGTCACTACTGCCGCTTCCAGAAGTGCCTGGCGCTCGGCATGTCCACAAC  
GCTATCCGCTTTGGAAGGATGCCGGAGGCCGAGAAGAGGAAGTGGTGGCGGGCTGACGGCCAGCGAGG  
GATGCCAGCAAAACCCAGCTGGCCGACCTGAAGGCTTCTCCAAGCACATCTACAATGCCTACCTGAA  
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ATCATCCACGACATTGAGACGCTGTGGCAGGCAGAGAAGGGCTGGTGTGAAGCAGTGGTGAACGGGC  
CGCCGCCCTACAACGAGATCAGCGTGCATGTGTTCTACCGTGCCAGTCCACCACCGTGAGACAGTGC  
GGAGCTCACCGAGTTCGCAAGAACATCCCAACTTCAGCAGCCTTCTCCTCAACGACCAGGTGACCCTC  
CTCAAGTACGGCGTGCATGAGGCCATCTTTGCCATGCTGGCCTCCATTGTCAACAAGACGGACTGCTGG  
TGGCAACGGCAGTGGCTTCGTACCCATGAGTTCTTGCAGATCCGCAAGCCCTTCACTGACATCAT  
TGAGCCCAAGTTCGAGTTTGTGTCAAGTTCAATGCTCTGGAGCTGGACGACAGTGCATCTGGCCCTTTTC  
ATTGCCCCATCATTCTGTGCGGAGACCGCCAGGCTCATGAACGTGCCACAGGTGGAAGCCATCCAGG  
ACACCATCCTGCAGGCTCTAGAATTCATCTGCAGGTCAACCACCCGACAGCCAGTACCTTTCCCAA  
GCTGCTGCAGAAAATGGCCGACCTGCGCAGCTGGTCACTGAACACGCGCAGATGATGCAGTGGCTGAAG  
AAGACGGAGAGTGAGACCTTGTGCACCCCTGCTCCAGGAGATCTACAAGGACATGTAC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
TGGATTACAAGGATGACGACGATAAGGTTAA



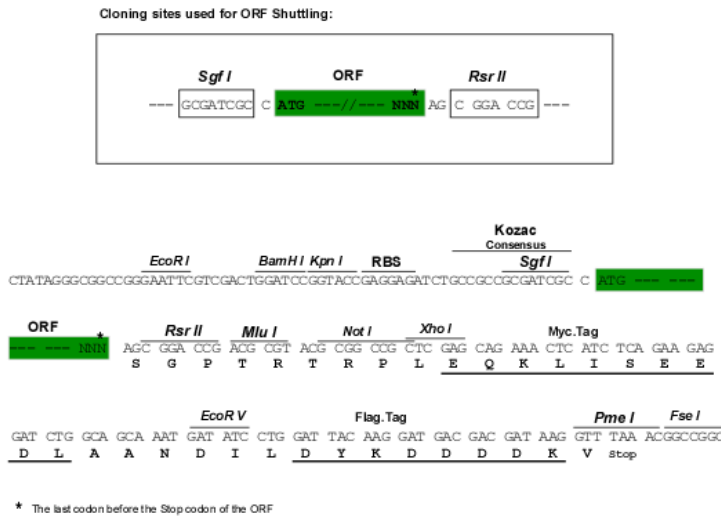
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**Protein Sequence:** >RR203216 representing NM\_013141  
Red=Cloning site Green=Tags(s)

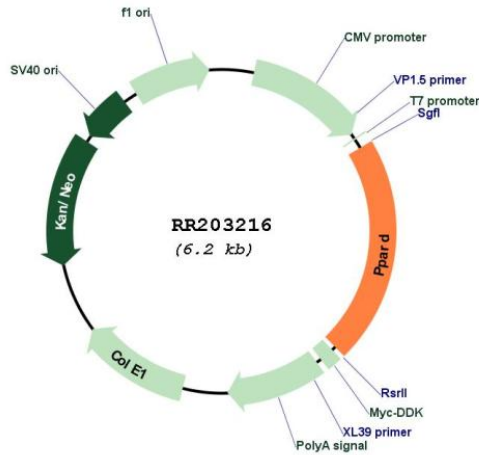
MEQPQEETPEAREEEKEEVATGDGAPELNGGPEHTLPSSSCTDLSQNSSPSSLLDQLQMCGDGASGGSLN  
 MECRVCGDKASGFHYGVHACEGCKGFFRRTIRMKLKYEKCDRICKIQKKNRNKCQYCRFQKCLALGMSHN  
 AIRFGRMPEAEKRKL VAGLTASEGCQQNPQLADLKAFSKHIYNAYLKNFNMTKKARSILT GKSSHNAPF  
 I IHD IETLWQAEKGLVWKQLVNGPPPYNEISVHVFYRCQSTTVETVRELTEFAKNIPNFSSFLNDQVTL  
 LKYGVHEAIFAMLASIVNKDGLLVANGSGFVTHEFLRSIRKPFSDIIEPKFEFAVKFNALELDDSDLALF  
 IAAIILCGDRPGLMNPQVEAIQDTILQALEFHLQVNHPSQYLFPKLLQK MADLRQLVTEHAQMMQWLK  
 KTESETLLHPLLQEIIYKDMY

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-RsrII  
**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_013141

|                               |   |
|-------------------------------|---|
| <b>ORF Size:</b>              | 1320 bp   |
| <b>OTI Disclaimer:</b>        | 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. <a href="#">More info</a>  |
| <b>OTI Annotation:</b>        | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.  |
| <b>Components:</b>            | 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).  |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol> |
| <b>RefSeq:</b>                | <a href="#">NM_013141.2</a> , <a href="#">NP_037273.2</a>   |
| <b>RefSeq Size:</b>           | 3280 bp   |
| <b>RefSeq ORF:</b>            | 1323 bp   |
| <b>Locus ID:</b>              | 25682   |
| <b>Cytogenetics:</b>          | 20p12   |
| <b>MW:</b>                    | 49.7 kDa  |
| <b>Gene Summary:</b>          | transcription factor of the nuclear hormone receptor superfamily; may mediate the intestinal expression of target genes implicated in lipid metabolism [RGD, Feb 2006]  |