

## Product datasheet for **MC201042**

### Pparg (NM\_011146) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Pparg (NM_011146) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pparg
Synonyms:	Nr1; Nr1c3; PPA; PPAR; Ppar-; PPAR-gamma; PPAR-gamma2; PPARgamma; PPARgamma2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC021798 sequence for NM\_011146  
 CAAAACACCAGTGTGAATTACAGCAAATCTCTGTTTTATGCTGTTATGGGTGAAACTCTGGGAGATTCTC  
 CTGTTGACCCAGAGCATGGTGCCTTCGCTGATGCACTGCCTATGAGCACTTCACAAGAAATTACCATGGT  
 TGACACAGAGATGCCATTCTGGCCACCAACTTCGGAATCAGCTCTGTGGACCTCTCCGTGATGGAAGAC  
 CACTCGCATTCTTTGACATCAAGCCCTTTACCACAGTTGATTTCTCCAGCATTCTGCTCCACACTATG  
 AAGACATTCCATTACAAGAGCTGACCCAAATGGTTGCTGATTACAAATATGACCTGAAGCTCCAAGAATA  
 CCAAAGTGCATCAAAGTAGAACCTGCATCTCCACCTTATTATTCTGAAAAGACCCAGCTCTACAACAGG  
 CCTCATGAAGAACCTTCTAACTCCCTCATGGCCATTGAGTGCCGAGTCTGTGGGGATAAAGCATCAGGCT  
 TCCACTATGGAGTTCATGCTTGTGAAGGATGCAAGGGTTTTTCCGAAGAACCATCCGATTGAAGCTTAT  
 TTATGATAGGTGTGATCTTAACTGCCGGATCCACAAAAAAGTAGAAATAAATGTCAGTACTGTCGGTTT  
 CAGAAGTGCCTTGTGTGGGGATGTCTACAATGCCATCAGGTTTGGGCGGATGCCACAGGCCGAGAAGG  
 AGAAGCTGTTGGCGGAGATCTCCAGTGATATCGACCAGCTGAACCCAGAGTCTGCTGATCTGCGAGCCCT  
 GGCAAAGCATTGTATGACTCATACATAAAGTCCCTTCCCCTGACCAAAGCCAAGGCCAGGGCGATCTTG  
 ACAGGAAAGACAACGGACAAATCACCATTTGTCATCTACGACATGAATTCCTTAATGATGGGAGAAGATA  
 AAATCAAGTTCAAACATATCACCCCTGCAGGAGCAGAGCAAAGAGGTGGCCATCCGAATTTTTCAAGG  
 GTGCCAGTTTCGATCCGTAGAAGCCGTGCAAGAGATCACAGAGTATGCCAAAAATATCCCTGGTTTCATT  
 AACCTTGATTTGAATGACCAAGTACTCTGCTCAAGTATGGTGTCCATGAGATCATCTACACGATGCTGG  
 CCTCCCTGATGAATAAAGATGGAGTCCCTCATCTCAGAGGGCCAAGGATTCATGACCAGGGAGTTCCTCAA  
 AAGCCTGCGGAAGCCCTTTGGTGACTTTATGGAGCCTAAGTTTGAGTTTGTGTTGAGTTCAATGCACTG  
 GAATTAGATGACAGTGACTTGGCTATATTTATAGCTGTCATTATTCTCAGTGGAGACCCGACCCAGGCTTGC  
 TGAACGTGAAGCCCATCGAGGACATCCAAGACAACCTGCTGCAGGCCCTGGAAGTGCAGCTCAAGCTGAA  
 TCACCCAGAGTCTCTCAGCTGTTCCGCAAGGTGCTCCAGAAGATGACAGACCTCAGGCAGATCGTCACA  
 GAGCACGTGCAGCTACTGCATGTGATCAAGAAGACAGAGACAGACATGAGCCTTACCCCTGCTCCAGG  
 AGATCTACAAGGACTTGTATTAGCAGGAAAGTCCCACCCGCTGACAACGTGTTCTTCTATTGATTGCAC  
 TATTATTTGAGGGAAAAAATCTGACACCTAAGAAATTTACTGTGAAAAAGCATTTAAAAACAAAAAGT  
 TTTAGAACATGATCTATTTTATGCATATTGTTTATAAAGATACATTTACAATTTACTTTTAAATAAAA  
 ATTACCCCTTATAAAAAAAAAAAAAAAAAAAAA



[View online >](#)

<b>Restriction Sites:</b>	RsrII-NotI
<b>ACCN:</b>	NM_011146
<b>Insert Size:</b>	1518 bp
<b>OTI Disclaimer:</b>	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).
<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="#">BC021798</a> , <a href="#">AAH21798</a>
<b>RefSeq Size:</b>	1782 bp
<b>RefSeq ORF:</b>	1518 bp
<b>Locus ID:</b>	19016
<b>UniProt ID:</b>	<a href="#">P37238</a>
<b>Cytogenetics:</b>	6 53.41 cM
<b>Gene Summary:</b>	<p>This gene encodes a nuclear receptor protein belonging to the peroxisome proliferator-activated receptor (Ppar) family. The encoded protein is a ligand-activated transcription factor that is involved in the regulation of adipocyte differentiation and glucose homeostasis. The encoded protein forms a heterodimer with retinoid X receptors and binds to DNA motifs termed "peroxisome proliferator response elements" to either activate or inhibit gene expression. Mice lacking the encoded protein die at an embryonic stage due to severe defects in placental vascularization. When the embryos lacking this gene are supplemented with healthy placentas, the mutants survive to term, but succumb to lipodystrophy and multiple hemorrhages. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Apr 2015]</p> <p>Transcript Variant: This variant (2) encodes the longer isoform (2). Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript from the same strain was available for the full length of the gene. The extent of this transcript is supported by transcript alignments.</p>