

Product datasheet for **MC215772**

Ppard (NM_011145) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ppard (NM_011145) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ppard
Synonyms:	Nr1c2; NUC-1; NUC1; PPAR-beta; PPAR-delta; Pparb; Pparb/d; PPARdelta; PPAR[b]
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:	>MC215772 representing NM_011145 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCC CGGATCGCC ATGGAACAGCCACAGGAGGAGACCCTGAGGCCCGGGAAGAGGAGAAAGAGGAAGTGCCATGGGTGACG GAGCCCCGGAGCTCAATGGGGGACCAGAACACACGCTTCCTTCCAGCAGCTGTGCAGACCTCTCCAGAA TTCTCCCTTCTCCCTGCTGGACCAGCTGCAGATGGGCTGTGATGGGGCTCAGGCGGCAGCCTCAAC ATGGAATGTCGGGTGTGCGGGACAAGGCTCGGGCTTCCACTACGGGGTCCACGCGTGCAGGGGTGCA AGGGCTTCTTCCGCCGACAATCCGCATGAAGCTCGAGTATGAGAAGTGCATCGGATCTGCAAGATCCA GAAGAAGAACCGCAACAAGTGTCACTGCTCCAGAAAGTGCCTGGCACTCGGCATGTCGCACAAC GCTATCCGCTTTGGACGGATGCCGGAGGCCGAGAAGGAAGCTGGTGGCGGGGCTGACTGCCAGCGAGG GGTGCCAGCACAACCCAGCTGGCCGACCTGAAGGCCTTCTCTAAGCACATCTACAACGCCTACCTGAA AAACTTCAACATGACAAAAAGAAGGCCCGGAGCATCCTCACCGCAAGTCCAGCCACAACGCACCCTTT GTATCCACGACATCGAGACACTGTGGCAGGCAGAGAAGGGCCTGGTGTGAAACAGCTGGTGAACGGGC TGCCGCCCTACAACGAGATCAGTGTGCAGTGTCTACCCTGCCAGTCCACCACAGTGGAGACAGTCCG AGAGCTCACCGAGTTCGCCAAGAACATCCCAACTTCAGCAGCCTCTTCTCAATGACCAGGTGACCCTC CTCAAGTATGGCGTGCACGAGGCCATCTTTGCCATGCTGGCCTCCATCGTCAACAAGACGGGCTGCTGG TGGCAACGGCAGTGGCTTCGTCAACCCAGAGTTCCTTGCAGAGTCTCCGCAAGCCCTTCAAGTACATCAT TGAGCCCAAGTTCGAGTTTGTGCAAGTTCATGCGCTGGAGCTCGATGACAGTACCTGGCGCTTTC ATCGCGGCCATCATTCTGTGTGGAGACCGCCAGGCCTCATGAATGTGCCAGGTAGAAGCCATCCAGG ACACCATTCTCGGGCTCTAGAATTCATCTGCAGGTCAACCACCCTGACAGCCAGTACCTTTCCCAA GCTGTGCAGAAGATGGCAGACCTGCGGCAGCTGGTCACTGAGCATGCCAGATGATGCAGTGGCTAAAG AAGACGGAGAGTGAACCTTGTGCACCCCTGCTCCAGGAAATCTACAAGGACATGTACTAAAGCGGAC CG AG CGGACCG ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC TGGATTACAAGGATGACGACGATAAGGTTTAA
Chromatograms:	https://cdn.origene.com/chromatograms/ja3459_h02.zip
Restriction Sites:	SgfI-RsrII
ACCN:	NM_011145
Insert Size:	1332 bp
OTI Disclaimer:	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_011145.3](#), [NP_035275.1](#)

RefSeq Size: 3240 bp

RefSeq ORF: 1323 bp

Locus ID: 19015

UniProt ID: [P35396](#)

Cytogenetics: 17 14.64 cM

Gene Summary: Ligand-activated transcription factor. Receptor that binds peroxisome proliferators such as hypolipidemic drugs and fatty acids. Has a preference for poly-unsaturated fatty acids, such as gamma-linoleic acid and eicosapentanoic acid. Once activated by a ligand, the receptor binds to promoter elements of target genes. Regulates the peroxisomal beta-oxidation pathway of fatty acids. Functions as transcription activator for the acyl-CoA oxidase gene. Decreases expression of NPC1L1 once activated by a ligand (By similarity).[UniProtKB/Swiss-Prot Function]