

Product datasheet for SC202415

OriGene Technologies, Inc.

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PPAR gamma (PPARG) (NM_005037) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Product Name: PPAR gamma (PPARG) (NM 005037) Human 3' UTR Clone

Vector: pMirTarget (PS100062)

Symbol: PPARG

Synonyms: CIMT1; GLM1; NR1C3; PPARG1; PPARG2; PPARG5; PPARgamma

ACCN: NM_005037

Insert Size: 229 bp

Insert Sequence: >SC202415 3'UTR clone of NM_005037

The sequence shown below is from the reference sequence of NM_005037. The complete

sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG

TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC

CTGCAGGAGATCTACAAGGACTTGTACTAGCAGAGAGTCCTGAGCCACTGCCAACATTTCCCTTCTTCC AGTTGCACTATTCTGAGGGAAAATCTGACACCTAAGAAATTTACTGTGAAAAAAGCATTTTAAAAAGAAA AGGTTTTAGAATATGATCTATTTTATGCATATTGTTTATAAAGACACATTTACAATTTACTTTTAATAT

TAAAAATTACCATATTATGAAA

CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

Restriction Sites: Sgfl-Mlul

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a

point of reference. Note that the complete sequence of this clone is largely the same as the

reference sequence but may contain minor differences, e.g., single nucleotide

polymorphisms (SNPs).

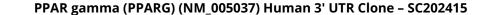
Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The

package also includes 100 pmols of both the corresponding 5' and 3' vector primers in

separate vials.

RefSeg: NM 005037.7





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Summary: This gene encodes a member of the peroxisome proliferator-activated receptor (PPAR)

subfamily of nuclear receptors. PPARs form heterodimers with retinoid X receptors (RXRs) and these heterodimers regulate transcription of various genes. Three subtypes of PPARs are known: PPAR-alpha, PPAR-delta, and PPAR-gamma. The protein encoded by this gene is PPAR-gamma and is a regulator of adipocyte differentiation. Additionally, PPAR-gamma has been implicated in the pathology of numerous diseases including obesity, diabetes, atherosclerosis and cancer. Alternatively spliced transcript variants that encode different isoforms have been described. [provided by RefSeq, Jul 2008]

Locus ID: 5468

MW: 9.5