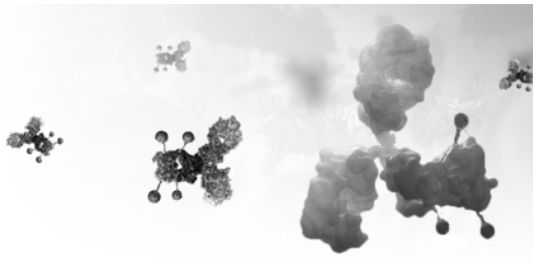

Mouse PPARG peptide (DAG-P1064)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Receptor that binds peroxisome proliferators such as hypolipidemic drugs and fatty acids. Once activated by a ligand, the receptor binds to a promoter element in the gene for acyl-CoA oxidase and activates its transcription. It therefore controls the peroxisomal beta-oxidation pathway of fatty acids. Key regulator of adipocyte differentiation and glucose homeostasis.
Specificity	Highest expression in adipose tissue. Lower in skeletal muscle, spleen, heart and liver. Also detectable in placenta, lung and ovary.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the nuclear hormone receptor family. NR1 subfamily.Contains 1 nuclear receptor DNA-binding domain.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	Pparg peroxisome proliferator activated receptor gamma [Mus musculus (house mouse)]
Official Symbol	PPARG
Synonyms	PPARG; peroxisome proliferator activated receptor gamma; Nr1c3; PPARgamma; PPAR-gamma; PPARgamma2; PPAR-gamma2; peroxisome proliferator-activated receptor gamma; nuclear receptor subfamily 1 group C member 3; peroxisome proliferator activated receptor gamma 2; peroxisome proliferator activated receptor gamma 4;

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Entrez Gene ID	19016
mRNA Refseq	NM_001127330.1
Protein Refseq	NP_001120802.1
UniProt ID	M1VPI1
Chromosome Location	6 E3-F1; 6 53.41 cM
Pathway	Adipogenesis, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Fatty acid, triacylglycerol, and ketone body metabolism, organism-specific biosystem; Gene Expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem; Huntingtons disease, organism-specific biosystem; Huntingtons disease, conserved biosystem; Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; Nuclear Rece
Function	DNA binding; DNA binding; DNA binding; RNA polymerase II regulatory region DNA binding; RNA polymerase II transcription regulatory region sequence-specific DNA binding transcription factor activity involved in positive regulation of transcription; activat

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