

**B6.129S4-*Ppard*<sup>tm1Rev</sup>/J**

Stock No: **005897** | *Pparδ*<sup>ck</sup>

 Congenic, Targeted Mutation

Typically mice are recovered in 10-14 weeks. Contact Customer Service to place an order or for more information.

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conditional mutations in applications related to embryo development and adipocyte physiology.

### Donating Investigator

Yaacov Barak, University of Pittsburgh

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## GENETIC OVERVIEW

Genetic Background

Generation

*Ppard*<sup>tm1Rev</sup>

**Alele Type**

Targeted (Conditional ready (e.g. floxed), No functional change)

**Gene Symbol**

*Ppard*

**Gene Name**

peroxisome proliferator activator receptor delta

VIEW GENETICS

## RESEARCH APPLICATIONS

Cardiovascular Research

Diabetes and Obesity Research

Research Tools

Cell Biology Research

Cancer Research

Endocrine Deficiency Research

Immunology, Inflammation and Autoimmunity Research

Internal/Organ Research

## BASE PRICE

Starting at:

\$2,854.50 Domestic price Cryo Recovery

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### Details

#### Detailed Description

These mice possess *loxP* sites on either side of exon 4 of the targeted gene. Mice that are homozygous for this allele are viable, fertile, normal in size and do not display any gross physical or behavioral abnormalities. When bred to mice with a *cre* recombinase gene under the control of a promoter of interest, exon 4 of the targeted gene is deleted in the tissue of interest, leading to premature termination of the translation product upstream of the DNA binding domain. This strain may be useful in generating tissue-specific mutants of the floxed allele for use in studies including embryo development, adipocyte physiology, fat metabolism and storage, inflammation, and cancer.

#### Development

#### Control Suggestions

#### Selected References

### Genetics

#### *Ppard*<sup>tm1Rev</sup>

### Disease/Phenotype

[+ Disease Terms](#)

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[+ Research Areas By Phenotype](#)

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[+ Mammalian Phenotype Terms by Genotype](#)

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[+ References](#)

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## [- Technical Support](#)

C O N T A C T   T E C H N I C A L   S U P P O R T

### Genotyping Protocols

Standard PCR:[Ppard](#)

[Genotyping resources and troubleshooting](#)

### Breeding Considerations

When maintaining a live colony, these mice are bred as homozygotes.

[Additional Breeding and Husbandry Support](#)

### Citation

When using the  $Ppar^{\delta^{ck}}$  mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #005897 in your Materials and Methods section.

### Animal Health Reports

[Facility Barrier Level Descriptions](#)

*Production of mice from cryopreserved embryos or sperm occurs in a maximum barrier room, [G200](#)*

## [- Pricing & Availability](#)



Cryo  
Recovery

Typically mice are recovered in 10-14 weeks. Contact Customer Service to place an order or for more information.

**Domestic****International**

Pricing effective for USA, Canada and Mexico shipping destinations

## Domestic Pricing for



Commercial & For-Profit



Not-For-Profit & Academic

### CRYORECOVERY - DOMESTIC PRICING

SERVICE/PRODUCT	DESCRIPTION	PRICE
Cryo Recovery	Heterozygous or Wildtype for Ppard<tm1Rev>	\$2,854.50

## PAYMENT TERMS AND CONDITIONS

Terms are granted by individual review and stated on the customer invoice(s) and account statement. These transactions are payable in U.S. currency within the granted terms. Payment for services, products, shipping containers, and shipping costs that are rendered are expected within the payment terms indicated on the invoice or stated by contract. Invoices and account balances in arrears of stated terms may result in The Jackson Laboratory pursuing collection activities including but not limited to outside agencies and court filings.

## THE JACKSON LABORATORY'S GENOTYPE PROMISE

The Jackson Laboratory has rigorous genetic quality control and mutant gene genotyping programs to ensure the genetic background of JAX® Mice strains as well as the genotypes of strains with identified molecular mutations. JAX® Mice strains are only made available to researchers after meeting our standards. However, the phenotype of each strain may not be fully characterized and/or captured in the strain data sheets. **Therefore, we cannot guarantee a strain's phenotype will meet all expectations.** To ensure that JAX® Mice will meet the needs of individual research projects or when requesting a strain that is new to your research, we suggest ordering and performing tests on a small number of mice to determine suitability for your particular project. We do not guarantee [breeding performance](#) and therefore suggest that investigators order more than one breeding pair to avoid delays in their research.

## Terms Of Use

### TERMS OF USE

[General Terms and Conditions](#)

Q U E S T I O N S   A B O U T   T E R M S   O F   U S E

### ADDITIONAL USE RESTRICTIONS APPLY

[Use of MICE by companies or for-profit entities requires a no-fee JAX Leap License prior to shipping.](#)

### LICENSING INFORMATION

Phone: 207-288-6470

Email: [TechTran@jax.org](mailto:TechTran@jax.org)

## Related Strains

All

By Allele

By Gene

By Collection



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