

C57BL/6-*Pthr2*<sup>tm1Eruo</sup> /J

Stock No: 010711

 Coisogenic, 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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## Donating Investigator

Erkki Ruoslahti, Burnham Institute for Medical Research

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## GENETIC OVERVIEW

Genetic Background

Generation

*Pthr2*<sup>tm1Eruo</sup>

### Alele Type

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

### Gene Symbol

*Pthr2*

### Gene Name

peptidyl-tRNA hydrolase 2

VIEW GENETICS

## RESEARCH APPLICATIONS

Research Tools

Apoptosis Research

VIEW ALL RESEARCH APPLICATIONS

## BASE PRICE

Starting at:

\$2,854.50 Domestic price Cryo Recovery

V I E W   P R I C E   L I S T

### Details

#### Detailed Description

Mice that are homozygous for the targeted mutation are viable, fertile and normal in size. When used in conjunction with a Cre recombinase-expressing strain, this strain is useful in generating tissue-specific mutants of the floxed allele. This mutant mouse strain may be useful in generating conditional mutations to study anoikis /apoptosis.

When crossed to B6.129S4-*Meox2*<sup>tm1(cre)Sor</sup>/J (see Stock No. [003755](#)) Cre recombinase expression in early embryos results in postnatal lethality by P8-10.

#### Development

#### Expression Data

#### Control Suggestions

#### Selected References

### Genetics

#### *Pthr2*<sup>tm1Eruo</sup>

### Disease/Phenotype

#### Disease Terms

#### Research Areas By Phenotype

[+ Mammalian Phenotype Terms by Genotype](#)

[+ References](#)

## [- 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:[Pth2](#)

Separated PCR:[Meox2cre](#)

[Genotyping resources and troubleshooting](#)

#### Breeding Considerations

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

[Additional Breeding and Husbandry Support](#)

#### Citation

When using the C57BL/6-*Pth2*<sup>tm1Eruo</sup>/J mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #010711 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

### CRYORECOVERY - DOMESTIC PRICING

SERVICE/PRODUCT	DESCRIPTION	PRICE
<a href="#">Cryo Recovery</a>	Heterozygous for <i>Pth2</i> <tm1Eruo>	\$2,854.50

## RELATED PRODUCTS AND SERVICES

Frozen Mouse Embryo

C57BL/6-Pthr2<tm1Eruo>/J Frozen Embryo

\$2595.00

## 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

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[General Terms and Conditions](#)

QUESTIONS ABOUT TERMS OF USE

## 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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