

**B6.129P2(C)-Ptp<sup>rj</sup><sup>tm1.1Weis</sup>/J**

Stock No: **008291**

 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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abnormalities. When used in conjunction with a Cre recombinase-expressing strain, this strain can be used to generate tissue- or cell-specific mutants of the floxed allele. These mice may be useful in studies of immune responses.

### Donating Investigator

Dr. Arthur Weiss, University of California, San Francisco

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## GENETIC OVERVIEW

Genetic Background

Generation

*Ptp<sup>rj</sup><sup>tm1.1Weis</sup>*

**Alele Type**

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

**Gene Symbol**

*Ptp<sup>rj</sup>*

**Gene Name**

protein tyrosine phosphatase, receptor type, J

VIEW GENETICS

## RESEARCH APPLICATIONS

Research Tools

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

These mice possess loxP sites on either side of exon 18, encoding a transmembrane domain 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 used in conjunction with a Cre recombinase-expressing strain, this strain can be used to generate tissue- or cell-specific mutants of the floxed allele. These mice may be useful in studies of immune responses.

#### Development

#### Selected References

### Genetics

#### *Ptprj*<sup>tm1.1Weis</sup>

### Disease/Phenotype

#### Disease Terms

#### Research Areas By Phenotype

#### Mammalian Phenotype Terms by Genotype

#### References

## Technical Support

### CONTACT TECHNICAL SUPPORT

#### Genotyping Protocols

Separated PCR:[Ptpj alternative2](#)

[Genotyping resources and troubleshooting](#)

#### Breeding Considerations

When maintained as a live colony, heterozygotes or homozygotes may be bred.

[Additional Breeding and Husbandry Support](#)

#### Citation

When using the B6.129P2(C)-*Ptpj*<sup>tm1.1Weis</sup>/J mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #008291 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>Ptpj</i> <tm1.1Weis>	\$2,854.50

#### RELATED PRODUCTS AND SERVICES

<a href="#">Frozen Mouse Embryo</a>	B6.129P2(C)- <i>Ptpj</i> <tm1.1Weis>/J Frozen Embryo	\$2595.00
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## 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.

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### 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 license prior to shipping.](#)

#### LICENSING INFORMATION

Phone: 207-288-6470

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

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All

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By Gene

By Collection



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