

**B6;129-*Inpp1*<sup>tm1Yrk</sup>/J**Stock No: **012917** 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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catalytic residues have been eliminated, thus preventing all enzymatic activity. This strain may be useful for further characterization of the targeted gene.

### Donating Investigator

John York, Duke University Medical Center

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## GENETIC OVERVIEW

**Genetic Background****Generation***Inpp1*<sup>tm1Yrk</sup>**Alele Type**

Targeted (Null/Knockout)

**Gene Symbol***Inpp1***Gene Name**

inositol polyphosphate-1-phosphatase

[VIEW GENETICS](#)

## RESEARCH APPLICATIONS

[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

Homozygous *Inpp* (inositol polyphosphate-1-phosphatase) targeted mutation mice are viable and fertile and have no observable phenotype or physical abnormalities. Although it is unknown whether aberrant transcripts are expressed, the catalytic residues have been eliminated, thus preventing all enzymatic activity. This strain may be useful for further characterization of the targeted gene.

### Development

### Selected References

## Genetics

### *Inpp1<sup>tm1Yrk</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

[Genotyping resources and troubleshooting](#)

### Breeding Considerations

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

[Additional Breeding and Husbandry Support](#)

### Citation

When using the B6;129-Inpp1<sup>tm1Yrk</sup>/J mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #012917 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 Inpp1<tm1Yrk>	\$2,854.50

#### RELATED PRODUCTS AND SERVICES

<a href="#">Frozen Mouse Embryo</a>	B6;129-Inpp1<tm1Yrk>/J	\$2595.00
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#### 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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# TOMORROW'S CURES



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