

**B6.129-*Pou6f2*<sup>tm1Nat</sup>/J**

Stock No: **009042**

 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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### Donating Investigator

Jeremy Nathans, Johns Hopkins University

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## GENETIC OVERVIEW

Genetic Background

Generation

*Pou6f2*<sup>tm1Nat</sup>

**Alele Type**

**Gene Symbol**

**Gene Name**

Targeted (Null/Knockout)

*Pou6f2*

POU domain, class 6, transcription factor 2

VIEW GENETICS

## RESEARCH APPLICATIONS

Sensorineural 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

Heterozygotes and homozygotes are normal in size, viability, and fertility. This transcription factor is normally expressed in retinal neurons, but no obvious phenotype was detected thus far in these targeted ("knockout") mice.

### + Development

## ⊖ Genetics

### + *Pou6f2*<sup>tm1Nat</sup>

## ⊖ Disease/Phenotype

### + Disease Terms

### + Research Areas By Phenotype

### + Mammalian Phenotype Terms by Genotype

### + References

## ⊖ Technical Support

## Genotyping Protocols

Standard PCR:[Pou6f2](#)

[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-*Pou6f2*<sup>tm1Nat</sup>/J mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #009042 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>Pou6f2</i> <tm1Nat>	\$2,854.50

### RELATED PRODUCTS AND SERVICES

<a href="#">Frozen Mouse Embryo</a>	B6.129- <i>Pou6f2</i> <tm1Nat>/J	\$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.

### Terms Of Use

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

#### 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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