

129P1/ReJ

Stock No: 001137

 Inbred Strain

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

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## GENETIC OVERVIEW

Genetic Background

Generation

VIEW GENETICS

## RESEARCH APPLICATIONS

Reproductive Biology Research  
Cancer Research  
Research Tools  
Neurobiology Research  
Sensorineural Research

VIEW ALL RESEARCH APPLICATIONS

## BASE PRICE

Starting at:

\$2,854.50 Domestic price Cryo Recovery

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## Details

### Important Note

This strain is homozygous for *Cdh23<sup>ahl</sup>*, the age related hearing loss 1 mutation, which on this background results in progressive hearing loss with onset between three and five months of age.

### Detailed Description

For a complete history of the numerous 129 substrains please refer to Simpson, *et al.*, 1997. Historically, the 129 inbred mice are known for the high incidence of spontaneous testicular teratomas, though the incidence differs between substrains. Most recently 129 mice are widely used strain in the production of targeted mutations due to the availability of several lines of embryonic stem cells. There is major genetic variation within the 129 "family", which has led to an update of the nomenclature and a division of substrains into three major groups: parental substrains, steel substrains and "ter" substrains. Investigators using 129 substrains for targeted mutagenesis should be careful in the selection of the appropriate 129 substrain to match the embryonic stem cell line.

### Selected References

## Genetics

### *Cdh23<sup>ahl</sup>*

### *Poli<sup>d</sup>*

### *Disc1<sup>del</sup>*

## Disease/Phenotype

### Disease Terms

### Research Areas By Phenotype

### Mammalian Phenotype Terms by Genotype

### Phenotype Information

### 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](#)

### Appearance

pink-eyed, light-bellied chinchilla

Related Genotype:  $A^W/A^W$   $Oca2^D$   $Tyr^{c-ch}/Oca2^D$   $Tyr^{c-ch}$

### Citation

When using the 129P1/ReJ mouse strain in a publication, please include JAX stock #001137 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>	Inbred, 1 pair minimum will be supplied	\$2,854.50

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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.

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#### LICENSING INFORMATION

Phone: 207-288-6470

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

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