



B 6 . CPr-k^{ear-3J}/G r s r J

Stock No: 026195 | little ears 3 Jackson

Congenic, Spontaneous Mutation



CRYORECOVERY

P L A C E O R D E R

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

Overview

Also Known As: little ears 3 Jackson

This spontaneous mutant is valuable in the assessment of craniofacial, hearing, and fertility defects related to *Prkra* and as part of a phenotypically diverse allelic series.

READ MORE +

GENETIC OVERVIEW

Genetic Background

Generation

Prkra^{lear-3J}

Allele Type

Gene Symbol

Gene Name

Spontaneous (Not Specified)

Prkra

protein kinase, interferon inducible double stranded RNA dependent activator

VIEW GENETICS

RESEARCH APPLICATIONS

Developmental Biology Research

Reproductive Biology Research

Sensorineural Research

VIEW ALL RESEARCH APPLICATIONS

BASE PRICE

Starting at:

\$2,854.50 Domestic price Cryo Recovery

VIEW PRICE LIST

Details

Detailed Description

Mice homozygous for the recessive little ear 3 Jackson mutation can be recognized by 2 weeks of age by their smaller ear pinnae. They also have a smaller overall body size, are infertile, and at eight weeks of age were found to have a severe hearing deficit. This is a distinct phenotype from that of the *Prkra^{tm1Wsmay}* targeted deletion, which causes complete lethality by embryonic day 3.5.

Development

Control Suggestions

Selected References

Genetics

[+ Prkra^{lear-3J}](#)

Disease/Phenotype

[+ Disease Terms](#)

[+ Research Areas By Genotype](#)

[+ Mammalian Phenotype Terms by Genotype](#)

[+ References](#)

Technical Support

CHAT  OFFLINE

CONTACT TECHNICAL SUPPORT

Genotyping Protocols

Sanger sequencing: [Prkra^{lear-3J}-SEQ](#)

[Genotyping resources and troubleshooting](#)

Breeding Considerations

Because homozygotes are infertile this strain is maintained by intercrossing heterozygotes.

[Additional Breeding and Husbandry Support](#)

Citation

When using the little ears 3 Jackson mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #026195 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

GENOTYPE

PRICE

We will fulfill your order by providing at least two carriers for each strain ordered. The total number, sex, and genotypes provided will vary, although typically 8 or more animals are provided. Please check genotypes which will be recovered. While the genotypes of all animals produced will be communicated to you prior to scheduling shipment, the genotypes of animals provided may not reflect the mating scheme and genotypes described in the strain description. Animals are typically ready to ship in 11-14 weeks. If a second recovery is required to produce the minimum number of animals, then delivery time would increase to approximately 25 weeks. If we fail to produce animals of the correct genotype, you will not be charged. We cannot guarantee the reproductive success of mice shipped to your facility. If the mice are lost after the first three days (post-arrival) or do not produce progeny at your facility, a new order and fee will be necessary.

Cryorecovery to establish a [Dedicated Supply](#) for greater quantities of mice. Mice recovered can be used to establish a dedicated colony to contractually supply you mice according to your requirements. Price by quotation.

Related Products and Services

[Frozen Mouse Embryo](#)[B6.Cg-Prkra<lear-3J>/GrsrJ 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.

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[General Terms and Conditions](#)

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