

B6.Cg-Grxcr1^{pi-4J}/J

Stock No: 007787 | pirouette 4 Jackson

 Congenic, Spontaneous Mutation

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

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hearing.

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GENETIC OVERVIEW

Genetic Background

Generation

Grxcr1^{pi-4J}

Alele Type

Gene Symbol

Gene Name

Spontaneous

Grxcr1

glutaredoxin, cysteine rich 1

VIEW GENETICS

RESEARCH APPLICATIONS

Neurobiology Research

Sensorineural Research

VIEW ALL RESEARCH APPLICATIONS

BASE PRICE

Starting at:

\$2,854.50 Domestic price Cryo Recovery

Details

Detailed Description

Mice homozygous for the pirouette 4 Jackson mutation display bi-directional circling and are completely deaf as early as 5 weeks of age. Consistent with a vestibular defect, they fail to swim at the surface of water, but instead roll underwater and sink before rescue.

Development

Control Suggestions

Selected References

Genetics

$Grxcr1^{pi-4J}$

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

References

Technical Support

CONTACT TECHNICAL SUPPORT

Genotyping Protocols

[Genotyping resources and troubleshooting](#)

Appearance

appearance: black

associated genotype: *a/a*

Citation

When using the pirouette 4 Jackson mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #007787 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
Cryo Recovery	heterozygous for pi<4J>	\$2,854.50

RELATED PRODUCTS AND SERVICES

Frozen Mouse Embryo	B6.Cg-Grxcr1<pi-4J>/J Frozen Embryo	\$2595.00
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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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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

Related Strains

All

By Allele

By Gene

By Collection






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TOMORROW'S CURES



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Yes No