

C57BL/6J-Prph2^{Nmf193}/J

Stock No: **004821**

 Chemically Induced Mutation, Coisogenic

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

PLACE ORDER

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The Jackson Laboratory cannot guarantee that cryorecovery of strains from the discontinued NIM-funded Neuroscience Mutagenesis Facility (NMF) will be successful or that the anticipated phenotype or genotype will be obtained. The cryorecovery fee for this effort will not be refunded or prorated if the recovery is unsuccessful or is in any way unsatisfactory. Genotyping will be the responsibility of the Purchaser.

READ MORE +

GENETIC OVERVIEW

Genetic Background

Generation

Prph2^{Nmf193}

Allele Type

Gene Symbol

Gene Name

Chemically induced (ENU)

Prph2

peripherin 2

VIEW GENETICS

RESEARCH APPLICATIONS

Sensorineural Research

Neurobiology 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

Routine ophthalmoscopic examination at 8 weeks of age revealed a mottled retina, indicating potential retinal degeneration in NMF193 mutants.

Male or female mutants have been produced and the colony is maintained through regular breeding. Standard pathology work-up on two mutants (74 days of age) revealed slight, bilateral, pan retinal photoreceptor degeneration of the outer nuclear layer, which consisted of 8 instead of 11 cell layers.

Eye histology on two additional mutants (224 and 432 days of age) showed thinning of the peripheral retina, which was more severe in the older mutant. No other abnormalities were noted.

Control Suggestions

Genetics

Prph2^{Nmf193}

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](#)

Appearance

black

Related Genotype: *a/a*

Citation

When using the C57BL/6J-*Prph2*^{Nmf193}/J mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #004821 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	Unknown for Nmf193 (?/+)	\$2,854.50

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

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Related Strains

All

By Allele

By Gene

By Collection






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TOMORROW'S CURES



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Yes No