

C3H/HeSnJ-*gri*J

Stock No: 002333 | grey intense

 Coisogenic, 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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GENETIC OVERVIEW

Genetic Background

Generation

gri

Allele Type

Spontaneous

Gene Symbol

gri

Gene Name

grey intense

VIEW GENETICS

RESEARCH APPLICATIONS

Dermatology Research

Reproductive Biology Research

Developmental Biology Research

VIEW ALL RESEARCH APPLICATIONS

BASE PRICE

Starting at:

\$2,854.50 Domestic price Cryo Recovery

Details

Important Note

This strain is homozygous for the retinal degeneration allele *Pde6b*^{rd1}.

Detailed Description

On an agouti background *gri* homozygotes resemble *Tyr*^{c-ch} homozygotes. There is a graying of the coat due to a lighter than normal phaeomelanin band. There is no change in eye color. *gri* homozygotes are slightly smaller than their unaffected littermates. Homozygous females breed well, but homozygous males often do not breed. Testis biopsies failed to identify any sperm abnormalities. The *gri* mutation does not cause a clotting disorder. (Davisson et al., 2000.)

Development

Control Suggestions

Selected References

Genetics

gri

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

dark grey

Related Genotype: *A/A gri/gri*

agouti

Related Genotype: *A/A gri/+* or *A/A +/?*

Citation

When using the grey intense mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #002333 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	Progeny testing required but not provided. No genotyping assay is available for these recessive cryo-recovered animals of undefined genotype	\$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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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.

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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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