

C3fBAnI.Cg-Cat^b/AnIJ

Stock No: 001906 | acatalasemia

 Congenic, Radiation Induced Mutation

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

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catalase.

Donating Investigator

Allen Gates, University of Rochester

GENETIC OVERVIEW

Genetic Background Generation

Cat^b

Allele Type	Gene Symbol	Gene Name
Radiation induced	<i>Cat</i>	catalase

VIEW GENETICS

RESEARCH APPLICATIONS

Sensorineural Research
Metabolism 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

Important Note

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

Detailed Description

These mice carry a mutation of the *Cat* gene induced by X-irradiation and are characterized by a deficiency in blood catalase.

Development

Control Suggestions

Selected References

Genetics

Cat^b

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](#)

Mating System
Homozygote x Homozygote
Appearance
agouti
Related Genotype: A/A
Citation

When using the acatalasemia mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #001906 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	Homozygous for Cat , 1 pair minimum	\$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.

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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