

STOCK *a tp/J*

Stock No: **000579** | taupe

 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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color.

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GENETIC OVERVIEW

Genetic Background

Generation

a

Alele Type

Spontaneous

Gene Symbol

a

Gene Name

nonagouti

tp

Alele Type

Spontaneous

Gene Symbol

tp

Gene Name

taupe

VIEW GENETICS

RESEARCH APPLICATIONS

Dermatology Research

Developmental Biology Research

Endocrine Deficiency Research

Reproductive Biology 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

Taupe is a recessive spontaneous mutation that causes a lightening of the coat color such that *a/a tp/tp* mice are slate grey. The coat color is similar to that of the ruby (*Hps5^{ru}*) mutation but the eye color is not affected and the belly fur is lighter in color with yellow at the margins. The homozygous females do not have normal nipple development, although the mammary ducts and alveoli develop normally. These females also have difficulty with pregnancy and birth. They can not rear their pups even if the pups are born alive so this strain is maintained by breeding heterozygous females to homozygous males. (Fielder, 1952; Fielder, 1950.)

Development

Genetics

+ *a*

+ *tp*

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](#)

Citation

When using the taupe mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #000579 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 or Wild-type for tp	\$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

Email: TechTran@jax.org

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By Allele

By Gene

By Collection






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TOMORROW'S CURES



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Did you find what you were looking for?

Yes No