

B6.Cg-Tg(Thy1-CFP)23Jrs/J

Stock No: 003710

 Congenic, Transgenic

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

PLACE ORDER

[Email](#) [Download PDF](#) [Help](#)

Donating Investigator

Joshua R Sanes, Harvard University

READ MORE +

GENETIC OVERVIEW

Genetic Background

Generation

000664 C57BL/6J

Tg(Thy1-CFP)23Jrs

Alele Type

Transgenic (Reporter)

VIEW GENETICS

RESEARCH APPLICATIONS

Research Tools

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

These mice express a spectral variant of GFP (cyan-CFP) at high levels in motor and sensory neurons, as well as subsets of central neurons. Axons are brightly fluorescent all the way to the terminals. No expression is detectable in nonneural cells. This line provides a strong and specific vital marker for axons; fluorescence is also stable to mild aldehyde fixation. Expression is strong from a mid-gestational stage into adulthood. Availability of multiple spectral variants is useful for double-labeling applications, or breeding to other YFP/GFP lines.

Development

Expression Data

Control Suggestions

Selected References

Genetics

Tg(Thy1-CFP)23Jrs

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

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

- Standard PCR:Tg(Thy1-CFP)23Jrs
Separated PCR:Tg(Thy1-CFP)23Jrs
Standard PCR:Tg(Thy1-CFP)23Jrs
Genotyping resources and troubleshooting

Breeding Considerations

This strain originated on a mixed B6CBAF1 background. The donating investigator has been backcrossing the strain to C57BL/6 and indicated that it was at N6 (4/14/00). Coat color expected from breeding:Black

Additional Breeding and Husbandry Support

Citation

When using the B6.Cg-Tg(Thy1-CFP)23Jrs/J mouse strain in a publication, please cite the originating article(s) and include JAX stock #003710 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

Table with 3 columns: SERVICE/PRODUCT, DESCRIPTION, PRICE. Row 1: Cryo Recovery, Hemizygous or Non carrier for Tg(Thy1-CFP)23Jrs, \$2,854.50

RELATED PRODUCTS AND SERVICES

Frozen Mouse Embryo

B6.Cg-Tg(Thy1-CFP)23Jrs/J Frozen Embryos

\$2595.00

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

TERMS OF USE

[General Terms and Conditions](#)

Q U E S T I O N S A B O U T T E R M S O F U S E

ADDITIONAL USE RESTRICTIONS APPLY

[Use of MICE by companies or for-profit entities requires a license prior to shipping.](#)

LICENSING INFORMATION

Phone: 207-288-6470

Email: TechTran@jax.org

Related Strains

All

By Allele

By Gene

By Collection



DO YOU NEED BALB/c MICE?

Rely on JAX to provide the models you need, when you need them.

LEARN MORE



CONTACT



DONATE



SUBSCRIBE

JAX HOME CAREERS LEGAL INFORMATION

RESEARCH CENTERS MOUSE GENOME INFORMATICS

MOUSE PHENOME DATABASE

Leading the search for

TOMORROW'S CURES



©2021 THE JACKSON LABORATORY

Choose other country or region 

^ E E E D B

Did you find what you were looking for?

Yes No