

FVB-Tg(Lactb)74.2Lus/J

Stock No: 008784

 Coisogenic, Transgenic

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

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Donating Investigator

Aldons J. Lusis, University of California at Los Angeles

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GENETIC OVERVIEW

Genetic Background

Generation

Tg(Lactb)74.2Lus

Alele Type

Transgenic (Inserted expressed sequence)

VIEW GENETICS

RESEARCH APPLICATIONS

Diabetes and Obesity Research

Cardiovascular Research

Metabolism Research

Research Tools

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

Mice hemizygous for the mouse *Lactb* (lactamase, beta) transgene are viable, fertile, normal in size and do not display any gross behavioral abnormalities. The transgene encompasses the entire mouse structural gene and its regulatory sequences. Transgenic mice have a higher fat-mass-to-lean-mass (FMLM) ratio compared to wild-type littermates when fed a 6% fat diet. Over time the FMLM ratio difference between transgenic and wild-type animals increases. This mutant mouse strain may be useful in studies of metabolic syndrome and obesity.

Development

Expression Data

Control Suggestions

Selected References

Genetics

Tg(Lactb)74.2Lus

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](#)

Breeding Considerations

When maintaining a live colony, these mice can be bred as hemizygotes. The Donating Investigator maintained the strain by crossing hemizygotes to wildtype mice and has not attempted to make the strain homozygous.

[Additional Breeding and Husbandry Support](#)

Citation

When using the FVB-Tg(Lactb)74.2Lus/J mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #008784 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 | Hemizygous or Non-carrier for Tg(Lactb)74.2Lus | \$2,854.50 |

Related Products and Services

| | | |
|-------------------------------------|--------------------------------------|-----------|
| Frozen Mouse Embryo | FVB-Tg(Lactb)74.2Lus/J Frozen Embryo | \$2595.00 |
|-------------------------------------|--------------------------------------|-----------|

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