

STOCK Tg(Col2a1-Npr2*B1)2Gar/J

Stock No: 007731

 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

David L. Garbers, U.T. Southwestern Medical Center

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GENETIC OVERVIEW

Genetic Background

Generation

Tg(Col2a1-Npr2*B1)2Gar

Alele Type

Transgenic (Inserted expressed sequence)

VIEW GENETICS

RESEARCH APPLICATIONS

Developmental 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

Mice that carry this transgene are viable, fertile and do not display any gross physical or behavioral abnormalities. Mice transgenic for this "GC-B1" isoform do not have a remarkable phenotype, but when bred to mice carrying a targeted knockout of the gene, this transgene rescues their severe dwarfism and early death phenotypes. These mice may be used in studies of endochondral ossification and bone development.

Development

Expression Data

Control Suggestions

Selected References

Genetics

Tg(Col2a1-Npr2*B1)2Gar

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

References

Technical Support

CONTACT TECHNICAL SUPPORT

Genotyping Protocols

Standard PCR:[Tg\(Col2a1-Npr2\)](#)

Standard PCR:[Generic Neo](#)

Probe:[Generic Neo](#)

[Genotyping resources and troubleshooting](#)

Breeding Considerations

When maintained as a live colony, hemizygotes or homozygotes may be bred.

[Additional Breeding and Husbandry Support](#)

Mating System

Noncarrier x Hemizygote

Citation

When using the STOCK Tg(Col2a1-Npr2*B1)2Gar/J mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #007731 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(Col2a1-Npr2*B1)2Gar	\$2,854.50

RELATED PRODUCTS AND SERVICES

Frozen Mouse Embryo	STOCK Tg(Col2a1-Npr2*B1)2Gar/J	\$2595.00
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LICENSING INFORMATION

Phone: 207-288-6470

Email: TechTran@jax.org

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