

B6.Cg-Tg(Atoh1-cre)1Bfri/J

Stock No: **011104** | Math1-Cre

 Congenic, Transgenic

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directing Cre recombinase expression primarily in precursors of granule cell neurons of the cerebellum and dorsal hindbrain/spinal cord in the dp1 domain

Donating Investigator

David H. Rowitch, University of California, San Francisco

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GENETIC OVERVIEW

Genetic Background

Generation

N10+F6
(2020-09-25 00:00:00)

Tg(Atoh1-cre)1Bfri

Alele Type

Transgenic (Recombinase-expressing)

VIEW GENETICS

RESEARCH APPLICATIONS

Research Tools

Neurobiology Research

VIEW ALL RESEARCH APPLICATIONS

BASE PRICE

Starting at:

\$278.00 Domestic price for female

356.51 Domestic price for breeder pair

V I E W P R I C E L I S T

– Details

– Detailed Description

Math1-Cre (Atoh1-Cre) transgenic mice have the mouse *Atoh1* (atoh1 homolog 1 (Drosophila)) regulatory sequences directing Cre recombinase expression primarily in precursors of granule cell neurons of the cerebellum and dorsal hindbrain/spinal cord in the dp1 domain. When bred with mice containing sequences flanked by similarly oriented loxP sites, flanked sequences will be deleted in the Cre-expressing tissues of the offspring.

+ Development

+ Expression Data

+ Control Suggestions

+ Selected References

– Genetics

+ Tg(Atoh1-cre)1Bfri

– 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

Standard PCR:[Tg\(Atoh1-cre\)](#)

[Genotyping resources and troubleshooting](#)

Dietary Information

LabDiet® 5K52 formulation (6% fat)

Breeding Considerations

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

[Additional Breeding and Husbandry Support](#)

Mating System

Noncarrier x Hemizygote

Hemizygote x Noncarrier

Citation

When using the Math1-Cre mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #011104 in your Materials and Methods section.

Animal Health Reports

[Facility Barrier Level Descriptions](#)

 [FGB29 \(Standard\)](#)

- Pricing & Availability



Live mice available in varying quantities. Ask Customer Service for details.

Available

Domestic **International**

Pricing effective for USA, Canada and Mexico shipping destinations

LIVE MOUSE			
AGE	SEX	GENOTYPE	PRICE
Approx 4-8 weeks	Female	Hemizygous for Tg(Atoh1-cre)1Bfri	\$278.00
	Male	Hemizygous for Tg(Atoh1-cre)1Bfri	\$278.00
Approx 4-8 weeks	Female	Noncarrier	\$78.51
	Male	Noncarrier	\$78.51

BREEDER PAIR			PRICE
SEX	GENOTYPE		PRICE
Female	Hemizygous for Tg(Atoh1-cre)1Bfri		\$356.51
Male	Noncarrier		
Female	Noncarrier		\$356.51
Male	Hemizygous for Tg(Atoh1-cre)1Bfri		

RELATED PRODUCTS AND SERVICES		
Frozen Mouse Embryo	B6.Cg-Tg(Atoh1-cre)1Bfri/J	\$2595.00

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LICENSING INFORMATION

Phone: 207-288-6470

Email: TechTran@jax.org

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All

By Allele

By Gene

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TOMORROW'S CURES



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