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Stock No: 002991 | Mash-1 ^Δ

Congenic, Targeted Mutation



CRYO RECOVERY

P L A C E O R D E R

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

Overview

Also Known As: Mash-1^Δ

These *Ascl1* (formerly *Mash-1*) knock-out mice exhibit loss of sympathetic ganglia and olfactory epithelium. They are suitable for use in applications related to the study of nervous system development.

Donating Investigator

David J Anderson, California Institute of Technology, HHMI

READ MORE +

GENETIC OVERVIEW

Genetic Background

Generation

Ascl1^{tm1And}

Allele Type

Gene Symbol

Gene Name

Targeted (Null/Knockout)

Ascl1

achaete-scute family bHLH transcription factor 1

VIEW GENETICS

RESEARCH APPLICATIONS

Developmental Biology Research

Neurobiology Research

VIEW ALL RESEARCH APPLICATIONS

BASE PRICE

Starting at:

\$2,854.50 Domestic price Cryo Recovery

VIEW PRICE LIST

Details

Detailed Description

Mice homozygous for the *Ascl1^{tm1And}* targeted mutation die within 24 hours after birth. There are no gross external defects; However, mutant mice do have extensive loss of sympathetic ganglia and olfactory epithelium.

Control Suggestions

Selected References

Genetics

Ascl1^{tm1And}

⊖ Disease/Phenotype

+ Disease Terms

+ Research Areas By Genotype

+ Mammalian Phenotype Terms by Genotype

+ References

⊖ Technical Support

CHAT OFFLINE

CONTACT TECHNICAL SUPPORT

Genotyping Protocols

Separated PCR: [Ascl1^{tm1And}](#)

[Genotyping resources and troubleshooting](#)

Citation

When using the Mash1^Δ mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #002991 in your [Animal Health Reports](#) Materials and Methods section.

[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	GENOTYPE	PRICE
Cryo Recovery	Heterozygous or wildtype for Ascl1<tm1And>	\$2,854.50

We will fulfill your order by providing at least two carriers for each strain ordered. The total number, sex, and genotypes provided will vary, although typically 8 or more animals are provided. Please check genotypes which will be recovered. While the genotypes of all animals produced will be communicated to you prior to scheduling shipment, the genotypes of animals provided may not reflect the mating scheme and genotypes described in the strain description. Animals are typically ready to ship in 11-14 weeks. If a second recovery is required to produce the minimum number of animals, then delivery time would increase to approximately 25 weeks. If we

fail to produce animals of the correct genotype, you will not be charged. We cannot guarantee the reproductive success of mice shipped to your facility. If the mice are lost after the first three days (post-arrival) or do not produce progeny at your facility, a new order and fee will be necessary.

Cryorecovery to establish a [Dedicated Supply](#) for greater quantities of mice. Mice recovered can be used to establish a dedicated colony to contractually supply you mice according to your requirements. Price by quotation.

Related Products and Services

Frozen Mouse Embryo	B6.129-Ascl1<tm1And>/J Frozen Embryos	\$2595.00
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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.

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[General Terms and Conditions](#)

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