



B 6 ; 1 *Myrf^{tm1Barr}* / J

Stock No: 010607

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

Myrf^{tm1Barr} mice harbor *loxP* sites flanking exon 8 of the predicted gene 98 gene. When bred to mice that express Cre recombinase, the resulting offspring will have this region deleted in the *cre*-expressing tissue(s). These mice may be useful in generating conditional mutations for studying the role of *Myrf* in CNS myelination and other cellular processes.

Donating Investigator

Ben A. Barres, Stanford University

R E A D M O R E +

GENETIC OVERVIEW

Genetic Background

Generation

Myrf^{tm1Barr}

Allele Type

Gene Symbol

Gene Name

Targeted (Conditional ready (e.g. floxed), No functional change)

Myrf

myelin regulatory factor

V I E W G E N E T I C S

RESEARCH APPLICATIONS

Neurobiology Research

Research Tools

V I E W A L L R E S E A R C H A P P L I C A T I O N S

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 are homozygous for the targeted mutation are viable, fertile with *loxP* sites flanking exon 8 of the targeted gene. When bred to mice that express Cre recombinase, the resulting offspring will have this region deleted in *cre*-expressing tissue(s). This mutant mouse strain may be useful in generating conditional mutations for studying the role of *Gm98* in CNS myelination and other cellular processes.

For example, when crossed to a strain expressing Cre recombinase in oligodendrocytes (see Stock No. [011103](#)), this mutant mouse strain may be useful in studies of oligodendrocyte maturation and CNS myelination.

Development

Control Suggestions

Selected References

Genetics

[+ Myr^{tm1Barr}](#)

Disease/Phenotype

[+ Disease Terms](#)

[+ Research Areas By Genotype](#)

[+ Mammalian Phenotype Terms by Genotype](#)

[+ References](#)

Technical Support

TECHNICAL SUPPORT CHAT

CONTACT TECHNICAL SUPPORT

Genotyping Protocols

Separated PCR: [Myr^{tm1Barr}](#)

[Genotyping resources and troubleshooting](#)

Breeding Considerations

While maintaining a live colony, these mice are bred as homozygotes.

[Additional Breeding and Husbandry Support](#)

Citation

When using the B6.129-Myr^{tm1Barr}/J mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #010607 in your 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 for Gm98<tm1Barr>	\$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-Myrf<tm1Barr>/J Frozen Embryo	\$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.

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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

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