

C.B6-Arg1^{tm1Pmu}/J

Stock No: 008879

 Congenic, Targeted Mutation

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

Peter J Murray, St. Jude Children's Research Hospital

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GENETIC OVERVIEW

Genetic Background

Generation

Arg1^{tm1Pmu}

Alele Type

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

Gene Symbol

Arg1

Gene Name

arginase, liver

VIEW GENETICS

RESEARCH APPLICATIONS

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

These mice possess *loxP* sites on either side of exons 7 and 8 of the targeted gene. Mice that are homozygous for this allele are viable, fertile, normal in size and do not display any gross physical or behavioral abnormalities. When these mutant mice are bred to mice that express Cre recombinase, resulting offspring will have exons 7 and 8 deleted in the *cre*-expressing tissue(s).

When bred to a strain with inducible Cre recombinase expression in the myeloid cell lineages (see Stock No. [004781](#), for example) or endothelial cells (see Stock No. [004128](#) , for example), this mutant mouse strain may be useful in studies of immune response to bacterial and parasitic infections.

Development

Control Suggestions

Selected References

Genetics

Arg1^{tm1Pmu}

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

References

Technical Support

CONTACT TECHNICAL SUPPORT

Genotyping Protocols

Standard PCR:[Arg1](#)

[Genotyping resources and troubleshooting](#)

Breeding Considerations

When maintaining a live colony, these mice can be bred as homozygotes.

[Additional Breeding and Husbandry Support](#)

Citation

When using the C.B6-Arg1^{tm1Pmu}/J mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #008879 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 Not-For-Profit & Academic Pricing

SERVICE/PRODUCT	DESCRIPTION	PRICE
Cryo Recovery	Heterozygous or Wild-Type for Arg1<tm1Pmu>	\$2,854.50

Related Products and Services

Frozen Mouse Embryo	C.B6-Arg1<tm1Pmu>/J	\$2595.00
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Payment Terms and Conditions

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