

B6.129S6-*Bcl2l11*^{tm2Rjd}/J

Stock No: **011025**

 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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Increased apoptosis is observed. This strain may be of use in studies of apoptosis.

Donating Investigator

Roger J Davis, University of Massachusetts Medical Sch.

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GENETIC OVERVIEW

Genetic Background

Generation

Bcl2l11^{tm2Rjd}

Alele Type

Targeted (Not Specified)

Gene Symbol

Bcl2l11

Gene Name

BCL2-like 11 (apoptosis facilitator)

VIEW GENETICS

RESEARCH APPLICATIONS

Apoptosis 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

These mice express a mutated Bim (*Bcl2l11*, BCL2-like 11 (apoptosis facilitator)) protein that lacks three sites of phosphorylation by MAP kinases. Ser55, Sere65, and Ser73 were replaced with Ala. The mutated protein (Bim3SA) is not subject to MAP kinase-induced ubiquitination and degradation. This causes a gain-of-function and increased apoptosis. The mutation does not affect the expression of mRNA in the spleen or thymocytes, as determined by immunoblot.

Development

Selected References

Genetics

Bcl2l11^{tm2Rjd}

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

[Genotyping resources and troubleshooting](#)

Breeding Considerations

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

[Additional Breeding and Husbandry Support](#)

Citation

When using the B6.129S6-*Bcl2l1*^{tm2Rjd}/J mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #011025 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	Heterozygous for <i>Bcl2l1</i> <tm2Rjd>	\$2,854.50

RELATED PRODUCTS AND SERVICES

Frozen Mouse Embryo	B6.129S6- <i>Bcl2l1</i> <tm2Rjd>/J Frozen Embryo	\$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.

THE JACKSON LABORATORY'S GENOTYPE PROMISE

The Jackson Laboratory has rigorous genetic quality control and mutant gene genotyping programs to ensure the genetic background of JAX® Mice strains as well as the genotypes of strains with identified molecular mutations. JAX® Mice strains are only made available to researchers after meeting our standards. However, the phenotype of each strain may not be fully characterized and/or captured in the strain data sheets. **Therefore, we cannot guarantee a strain's phenotype will meet all expectations.** To ensure that JAX® Mice will meet the needs of individual research projects or when requesting a strain that is new to your research, we suggest ordering and performing tests on a small number of mice to determine suitability for your particular project. We do not guarantee [breeding performance](#) and therefore suggest that investigators order more than one breeding pair to avoid delays in their research.

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Q U E S T I O N S A B O U T T E R M S O F U S E

ADDITIONAL USE RESTRICTIONS APPLY

[Use of MICE by companies or for-profit entities requires a license prior to shipping.](#)

LICENSING INFORMATION

Phone: 207-288-6470

Email: TechTran@jax.org

☰ Related Strains

All

By Allele

By Gene

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TOMORROW'S CURES



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