

B6.129P2-Scn9a^{tm1Dgen}/J

Stock No: 005836 | Scn9a lacZ knock-in/knock-out

 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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in studies of synaptic transmission and nociception.

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GENETIC OVERVIEW

Genetic Background

Generation

Scn9a^{tm1Dgen}

Alele Type

Targeted (Reporter, Null/Knockout)

Gene Symbol

Scn9a

Gene Name

sodium channel, voltage-gated, type IX, alpha

VIEW GENETICS

RESEARCH APPLICATIONS

Research Tools

Neurobiology Research

Sensorineural 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

This targeted mutant was created and characterized by Deltagen, Inc. [View phenotypic data](#) developed by Deltagen. Heterozygotes exhibit increased prepulse inhibition compared to wildtype controls. While this strain has not been specifically tested, mice heterozygous for another knock-out allele of this same gene exhibit insensitivity to pain.

Development

Expression Data

Control Suggestions

Genetics

Scn9a^{tm1Dgen}

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:[Scn9a](#)

[Genotyping resources and troubleshooting](#)

Citation

When using the Scn9a lacZ knock-in/knock-out mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #005836 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 or Wild-type for Scn9a<tm1Dgen>	\$2,854.50

RELATED PRODUCTS AND SERVICES

Frozen Mouse Embryo	B6.129P2-Scn9a<tm1Dgen>/J Frozen Embryos	\$2595.00
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PAYMENT TERMS AND CONDITIONS

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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.

Terms Of Use

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[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

ADDITIONAL USE RESTRICTIONS APPLY

[Use of MICE by academics, non-profits, 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

By Collection





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TOMORROW'S CURES



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Yes No