

B6.129S7-*Src*^{tm1Sor} /J

Stock No: **002277** | src-

 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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IMR Colony, The Jackson Laboratory

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GENETIC OVERVIEW

Genetic Background

000664 C57BL/6J

Generation

Src^{tm1Sor}

Alele Type

Targeted (Null/Knockout)

Gene Symbol

Src

Gene Name

Rous sarcoma oncogene

VIEW GENETICS

RESEARCH APPLICATIONS

Developmental Biology Research

Cancer 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

Mice homozygous for the *Src*^{tm1Sor} targeted mutation display osteopetrosis. Homozygous mutant mice are approximately one-third the size of normal wildtype siblings. Incisors fail to erupt. In general, long bones are shorter in length and show a partial absence of bone marrow. *Src* has been implicated in development, but its role may be masked by other tyrosine kinases. No overt phenotype is found in brain or platelets, where it is most highly expressed. Mice heterozygous for the *Src*^{tm1Sor} mutation have no apparent abnormalities.

Control Suggestions

Selected References

Genetics

Src^{tm1Sor}

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

References

Technical Support

CONTACT TECHNICAL SUPPORT

Genotyping Protocols

Separated PCR:[Srcalternate1](#)

Separated PCR:[Srcalternate1](#)

[Genotyping resources and troubleshooting](#)

Breeding Considerations

This strain was generated on an inbred 129/Sv background. It has been backcrossed onto C57BL/6J. Expected coat color from breeding: Black, White Bellied Agouti

[Additional Breeding and Husbandry Support](#)

Appearance

black

Related Genotype: *a/a*

white-bellied agouti

Related Genotype: *A^w/?*

Citation

When using the src- mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #002277 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 wildtype for Src<tm1Sor>	\$2,854.50

RELATED PRODUCTS AND SERVICES

Frozen Mouse Embryo

B6.129S7-Srctm1Sor/J Frozen Embryos

\$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.

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

LICENSING INFORMATION

Phone: 207-288-6470

Email: TechTran@jax.org

Related Strains

All

By Allele

By Gene

By Collection



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