

**B6;129S4-*Tal1*<sup>tm1Sho</sup>/J**

Stock No: **002430** | tal-1-

 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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specific products.

### Donating Investigator

Stuart H Orkin, Harvard University

## GENETIC OVERVIEW

Genetic Background

Generation

*Tal1*<sup>tm1Sho</sup>

**Alele Type**

Targeted (Null/Knockout)

**Gene Symbol**

*Tal1*

**Gene Name**

T cell acute lymphocytic leukemia 1

V I E W   G E N E T I C S

## RESEARCH APPLICATIONS

Hematological Research

Developmental Biology Research

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 homozygous for the *Tal1*<sup>tm1Sho</sup> mutation die between embryonic day 9.5 and 10.5. There is a complete absence of blood formation; no hematopoietic cells could be identified by appearance, histology, colony assays, or RT-PCR for lineage-specific products.

### Development

### Control Suggestions

### Selected References

## Genetics

### *Tal1*<sup>tm1Sho</sup>

## Disease/Phenotype

### Disease Terms

### Research Areas By Phenotype

### Mammalian Phenotype Terms by Genotype

### References

## Technical Support

## Genotyping Protocols

Standard PCR: [Tal1](#)

[Genotyping resources and troubleshooting](#)

## Breeding Considerations

When maintaining a live colony, heterozygous mice may be bred to wildtype mice from the colony or to C57BL/6J inbred mice (Stock No. [000664](#)). Homozygotes die between embryonic day 9.5 and 10.5.

[Additional Breeding and Husbandry Support](#)

## Appearance

white-bellied agouti

Related Genotype:  $A^w/A^w$

## Citation

When using the tal-1- mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #002430 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
<a href="#">Cryo Recovery</a>	Heterozygous or Wild-type for Tal1<tm1Sho>	\$2,854.50

## 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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By Allele

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