

B6.129P2-*Tbxas1*^{tm1Sw}/J

Stock No: 006184 | TXAS KO

 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

Kenneth K Wu, Univ of Texas Medical School at Houston

READ MORE +

GENETIC OVERVIEW

Genetic Background

Generation

Tbxas1^{tm1Sw}

Alele Type

Targeted (Null/Knockout)

Gene Symbol

Tbxas1

Gene Name

thromboxane A synthase 1, platelet

VIEW GENETICS

RESEARCH APPLICATIONS

Hematological Research

Research Tools

Cardiovascular 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

Homozygotes are viable and fertile with no gross physical or behavioral abnormalities. Northern blot show absence of a full length transcript in homozygous spleen and thymus. Homozygous mice exhibit prolonged bleeding time, defective platelet aggregation, and are protected from arachidonic acid induced-shock. These mice may be useful in studies of vascular biology, including hemostasis and thrombosis, as well as human TXAS-deficiency.

Development

Control Suggestions

Genetics

Tbxas1^{tm1Sw}

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

References

Technical Support

CONTACT TECHNICAL SUPPORT

Genotyping Protocols

Separated PCR: [Tbxas1](#)

[Genotyping resources and troubleshooting](#)

Breeding Considerations

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

[Additional Breeding and Husbandry Support](#)

Citation

When using the TXAS KO mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #006184 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 Tbxas1<tm1Sw>	\$2,854.50

RELATED PRODUCTS AND SERVICES

Frozen Mouse Embryo	B6.129P2-Tbxas1<tm1Sw>/J Frozen Embryos	\$2595.00
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PAYMENT TERMS AND CONDITIONS

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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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TOMORROW'S CURES



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Yes No