

B6.129P2-Szt2 ^{Gt(XH662)Byg} /FrkJ

Stock No: **010916** | seizure threshold 2(XH662)

 Congenic, Gene Trap

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

Wayne Frankel, JAX

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GENETIC OVERVIEW

Genetic Background Generation

Szt2^{Gt(XH662)Byg}

Alele Type	Gene Symbol	Gene Name
Gene trapped (Reporter, Null/Knockout)	<i>Szt2</i>	seizure threshold 2

VIEW GENETICS

RESEARCH APPLICATIONS

Neurobiology Research
Developmental Biology 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

On the C57BL/6J background no homozygotes were found to survive to birth, but on the 129S1/SvImJ background (stock #010917) approximately 10% of homozygotes survive, have a diluted coat color, and may have a more severe electroconvulsive seizure phenotype than *Szt2^{tm1Frk}* homozygotes. Heterozygotes have a slight increase in electroconvulsion over wild-type controls.

Development

Selected References

Genetics

Szt2^{Gt(XH662)Byg}

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: [Szt2](#)

[Genotyping resources and troubleshooting](#)

Citation

When using the seizure threshold 2(XH662) mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #010916 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 Szt2<Gt(XH662)Byg>	\$2,854.50

RELATED PRODUCTS AND SERVICES

Frozen Mouse Embryo	B6.129P2-Szt2<Gt(XH662)Byg>/FrkJ	\$2595.00
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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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