

B6.PERA-Tnfsf4 ^{Ath1-PERA/EiJ} /Pgn

Stock No: 002671

 Congenic

Typically mice are recovered in 10-14 weeks. Contact Customer Service to place an order or for more information.

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strain background. The C57BL/6J allele results in low HDL cholesterol levels and susceptibility to diet induced atherosclerosis.

GENETIC OVERVIEW

Genetic Background

Generation

000664 C57BL/6J

Tnfsf4^{Ath1-PERA/EiJ}

Allele Type

Gene Symbol

Gene Name

QTL

Tnfsf4

tumor necrosis factor (ligand) superfamily, member 4

V I E W G E N E T I C S

RESEARCH APPLICATIONS

Cardiovascular 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

Details

Detailed Description

This strain carries the *Tnfsf4*^{Ath1-PERAEiJ} resistance allele of the wild-derived strain PERA, which confers a high serum HDL cholesterol level and resistance to the development of atherosclerosis when the mice are fed a high fat diet on the C57BL/6J strain background. The C57BL/6J allele results in low HDL cholesterol levels and susceptibility to diet induced atherosclerosis.

Development

Control Suggestions

Genetics

Tnfsf4^{Ath1-PERAEiJ}

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

References

Technical Support

Genotyping Protocols

[Genotyping resources and troubleshooting](#)

Appearance

black

Related Genotype: *a/a*

Citation

When using the B6.PERA-*Tnfsf4*^{Ath1-PERA/EiJ}/Pgn mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #002671 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	Homozygous for <i>Tnfsf4</i> <Ath1-PERA/EiJ>	\$2,854.50

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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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