

FVB.129S2-*Serpine1*^{tm1Mlg}/J

Stock No: 002324 | PAI-1

 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

Dr. Peter Carmeliet, University of Leuven

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GENETIC OVERVIEW

Genetic Background

Generation

Serpine1^{tm1Mlg}

Alele Type

Targeted (Null/Knockout)

Gene Symbol

Serpine1

Gene Name

serine (or cysteine) peptidase inhibitor, clade E, member 1

VIEW GENETICS

RESEARCH APPLICATIONS

Cancer Research

Internal/Organ 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 this mutation develop normally and are viable and fertile. Compared to wild type mice, pulmonary clot lysis is increased in the heterozygote and further increased in the homozygote. Endotoxin induced venous thrombosis is decreased compared to wild type mice. Thus, disruption of the *Serpine1* gene induces a mild hyperfibrinolytic state. Hemostasis is normal in homozygous mutants.

Control Suggestions

Selected References

Genetics

Serpine1^{tm1Mg}

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

References

Technical Support

Genotyping Protocols

[Genotyping resources and troubleshooting](#)

Citation

When using the PAI-1⁻ mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #002324 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 Wild-type for Serpine1<tm1Mlg>	\$2,854.50

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