

B6.129S2-Sele^{tm1Hyn} Selp^{tm1Hyn} /J

Stock No: **008437**

 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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models of inflammation.

Donating Investigator

Dr. Richard Hynes, Massachusetts Institute of Technology

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GENETIC OVERVIEW

Genetic Background

Generation

Selp^{tm1Hyn}

Alele Type

Targeted (Null/Knockout)

Gene Symbol

Selp

Gene Name

selectin, platelet

Sele^{tm1Hyn}

Alele Type

Targeted (Null/Knockout)

Gene Symbol

Sele

Gene Name

selectin, endothelial cell

VIEW GENETICS

RESEARCH APPLICATIONS

Immunology, Inflammation and Autoimmunity Research
 Cell Biology Research
 Research Tools
 Cardiovascular Research

VIEW ALL RESEARCH APPLICATION

BASE PRICE

Starting at:

\$2,854.50 Domestic price Cryo Recovery

VIEW PRICE LIST

Details

Detailed Description

Mice homozygous for both the *Sele*^{tm1Hyn} *Selp*^{tm1Hyn} mutations are viable and fertile. They are characterized by leukocytosis, spontaneous bacterial infections, dermatitis and defective leukocyte recruitment in many models of inflammation.

In an attempt to offer alleles on well-characterized or multiple genetic backgrounds, alleles are frequently moved to a genetic background different from that on which an allele was first characterized. This is the case for the strain above. It should be noted that the phenotype could vary from that originally described. We will modify the strain description if necessary as published results become available.

Development

Selected References

Genetics

Selp^{tm1Hyn}

Sele^{tm1Hyn}

– 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:[Selp](#)

Standard PCR:[Sele](#)

[Genotyping resources and troubleshooting](#)

Breeding Considerations

When maintained as a live colony, homozygotes may be bred.

[Additional Breeding and Husbandry Support](#)

Citation

When using the B6.129S2-*Sele*^{tm1Hyn} *Selp*^{tm1Hyn} /J mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #008437 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

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 Sele<tm1Hyn> Heterozygous for Selp<tm1Hyn>	\$2,854.50

RELATED PRODUCTS AND SERVICES

Frozen Mouse Embryo	B6.129S2-Sele<tm1Hyn> Selp<tm1Hyn>/J Frozen Embryo	\$2595.00
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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.

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

ADDITIONAL USE RESTRICTIONS APPLY

[Use of MICE by companies or for-profit entities requires a license prior to shipping.](#)

LICENSING INFORMATION

Phone: 207-288-6470

Email: TechTran@jax.org

Related Strains

All

By Allele

By Gene

By Collection



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