

B6;129S-Sell^{tm3Hyn} Selp^{tm1Hyn} /J

Stock No: **003805** | PL-

 Targeted Mutation

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

PLACE ORDER

Email Download PDF Help

induced peritonitis.

Donating Investigator

Dr. Richard Hynes, Massachusetts Institute of Technology

READ MORE +

GENETIC OVERVIEW

Genetic Background

Generation

Selp^{tm1Hyn}

Alele Type

Targeted (Null/Knockout)

Gene Symbol

Selp

Gene Name

selectin, platelet

Sell^{tm3Hyn}

Alele Type

Targeted (Null/Knockout)

Gene Symbol

Sell

Gene Name

selectin, lymphocyte

VIEW GENETICS

RESEARCH APPLICATIONS

Immunology, Inflammation and Autoimmunity 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 that are homozygous null for the *Sell* and *Selp* genes are viable, fertile, normal in size and do not display any gross physical or behavioral abnormalities. No *Sell* and *Selp* gene products (mRNA or protein) are detected. Leukocytes from these mice exhibit a deficiency in the ability to interact with, and roll along, the venular wall endothelium. Such a deficiency in the crucial first step of leukocyte recruitment to surrounding tissues in response to infection or injury results in elevated leukocyte counts in the peripheral blood. These defects are largely due to absence of *Selp*. In addition, lack of *Sell* leads to failure of lymphocytes to enter lymph nodes and gthus to hypoplastic lymph nodes. These mice are suitable for use in research applications studying leukocyte homing, infectious diseases and inflammation.

Development

Genetics

Selp^{tm1Hyn}

Sell^{tm3Hyn}

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

+ Mammalian Phenotype Terms by Genotype

+ References

Technical Support

CONTACT TECHNICAL SUPPORT

Genotyping Protocols

Standard PCR:[Selp](#)

[Genotyping resources and troubleshooting](#)

Breeding Considerations

This strain originated on a B6:129S2 background and is maintained as a homozygote. The donating lab maintained these mice by avoiding brother-sister matings.

[Additional Breeding and Husbandry Support](#)

Citation

When using the PL- mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #003805 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 Selp<tm1Hyn>, Homozygous for Sell<tm1Hyn>, 1 pair	\$2,854.50

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.

Terms Of Use

TERMS OF USE

[General Terms and Conditions](#)

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



DO YOU NEED BALB/c MICE?

Rely on JAX to provide the models you need, when you need them.

LEARN MORE



CONTACT



DONATE



SUBSCRIBE

JAX HOME

CAREERS

LEGAL INFORMATION

RESEARCH CENTERS

MOUSE GENOME INFORMATICS

MOUSE PHENOME DATABASE

Leading the search for

TOMORROW'S CURES



©2021 THE JACKSON LABORATORY

Choose other country or region



↑ E E E D B

Did you find what you were looking for?