

B6;129X1-Avpr1b^{tm1Wsy}/J

Stock No: **006160** | V1bR KO

 Targeted Mutation

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

PLACE ORDER

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other behaviors.

Donating Investigator

Dr. W. Scott Young III, National Institute of Mental Health

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GENETIC OVERVIEW

Genetic Background

Generation

Avpr1b^{tm1Wsy}

Alele Type

Gene Symbol

Gene Name

Targeted (Null/Knockout)

Avpr1b

arginine vasopressin receptor 1B

VIEW GENETICS

RESEARCH APPLICATIONS

Neurobiology Research

Research Tools

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 targeted mutation are viable, fertile, normal in size, exhibit apparently normal sexual behavior, and do not display any gross physical abnormalities. Homozygous mice exhibit less social aggression, altered chemoinvestigatory behavior, and impaired social recognition. These mice may be useful in studies of aggressive behavior, social motivation, and appropriate behavioral responses, and may be potential models of autism and aggression accompanying dementia and traumatic brain injury.

Development

Control Suggestions

Genetics

Avpr1b^{tm1Wsy}

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

References

Technical Support

CONTACT TECHNICAL SUPPORT

Genotyping Protocols

Standard PCR:[Avpr1b](#)

[Genotyping resources and troubleshooting](#)

Breeding Considerations

When maintaining a live colony, these mice are bred as heterozygotes. Homozygous mice are viable and fertile with apparently normal sexual behavior, but the donating investigator does not attempt based on the possibility of behavior and parenting problems.

[Additional Breeding and Husbandry Support](#)

Citation

When using the V1bR KO mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #006160 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 Homozygous or Wild-type for Avpr1b<tm1Wsy>	\$2,854.50

RELATED PRODUCTS AND SERVICES

Frozen Mouse Embryo	B6;129X1-Avpr1b<tm1Wsy>/J Frozen Embryos	\$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.

Terms Of Use

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[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

LICENSING INFORMATION

Phone: 207-288-6470

Email: TechTran@jax.org

Related Strains

All

By Allele

By Gene

By Collection




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Leading the search for

TOMORROW'S CURES



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Yes No