

B6;129S-*Fcgr2b*^{tm1Ttk} *Clcn1*^{adr-mto5J} /J

Stock No: 003817

 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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are picked up and put down again (as when being transferred to a new cage). The phenotype may disappear as the mice get older. Both male and female homozygotes have normal lifespans and are fertile.

GENETIC OVERVIEW

Genetic Background

Generation

Fcgr2b^{tm1Ttk}

Alele Type

Targeted (Null/Knockout)

Gene Symbol

Fcgr2b

Gene Name

Fc receptor, IgG, low affinity IIb

Clcn1^{adr-mto5J}

Alele Type

Spontaneous

Gene Symbol

Clcn1

Gene Name

chloride channel, voltage-sensitive 1

VIEW GENETICS

RESEARCH APPLICATIONS

Immunology, Inflammation and Autoimmunity Research
 Neurobiology Research
 Mouse/Human Gene Homologs
 Cell Biology 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

B6;129S-*Fcgr2b*^{tm1Ttk} *Clcn1*^{adr-mto5J} mice homozygous for *Clcn1*^{adr-mto5J} are affected by a neuromuscular disorder that manifests by weaning as an apparent weakness or stiffness in the rear legs, which is particularly noticeable when the mice are picked up and put down again (as when being transferred to a new cage). The phenotype may disappear as the mice get older. Both male and female homozygotes have normal lifespans and are fertile.

Development

Control Suggestions

Genetics

Fcgr2b^{tm1Ttk}

Clcn1^{adr-mto5J}

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:[Fcgr2balternate1](#)

Standard PCR:[Fcgr2b](#)

[Genotyping resources and troubleshooting](#)

Citation

When using the B6;129S-*Fcgr2b*^{tm1Ttk} *Clcn1*^{adr-mto5J} /J mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #003817 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 for <i>Fcgr2b</i> <tm1Ttk>, Heterozygous for <i>Clcn1</i> <adr-mto5J>	\$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.

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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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