

129S(B6)-Med23^{tm1.1Pkb}/J

Stock No: **025529**

 Congenic, 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](#)

Donating Investigator

Paul K. Brindle, St. Jude Children's Research Hospital

READ MORE +

GENETIC OVERVIEW

Genetic Background

Generation

Med23^{tm1.1Pkb}

Alele Type

Gene Symbol

Gene Name

Targeted (Conditional ready
(e.g. floxed))

Med23

mediator complex subunit 23

VIEW GENETICS

RESEARCH APPLICATIONS

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

Med23 (mediator complex subunit 23) is a subunit of the Mediator coactivator complex, and is important in the expression of a subset of MAPK/ERK pathway-responsive genes.

Exons 5-7 of the mouse *Med23* gene are flanked by loxP sites in this conditional targeted mutant strain. Cre excision of the floxed region results in a knockout of the gene.

Thymocyte-specific knockouts of the gene created through crosses with *Lck-cre* produce T cells that fail to efficiently populate peripheral lymphoid organs.

Development

Control Suggestions

Genetics

Med23^{tm1.1Pkb}

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

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:[Med23](#)

[Genotyping resources and troubleshooting](#)

Breeding Considerations

Heterozygotes and homozygotes are viable and fertile.

[Additional Breeding and Husbandry Support](#)

Mating System

Heterozygote x Heterozygote

Wild-type x Heterozygote

Heterozygote x Wild-type

Citation

When using the 129S(B6)-*Med23^{tm1.1Pkb}* /J mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #025529 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 Med23<tm1.1Pkb>	\$2,854.50

RELATED PRODUCTS AND SERVICES

Frozen Mouse Embryo

129S(B6)-Med23<tm1.1Pkb>/J Frozen Embryo

\$2595.00

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?

Yes No