

129S(FVB)-Men1^{tm1.2Cre} /J

Stock No: **005109** | Men1dN/dN

 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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generating conditional mutations in applications related to studies of hypercalcemia and parathyroid neoplasia.

Donating Investigator

Francis S. Collins, NHGRI/NIH

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GENETIC OVERVIEW

Genetic Background

Generation

Men1^{tm1.2Cre}

Alele Type

Targeted (Conditional ready (e.g. floxed), No functional change)

Gene Symbol

Men1

Gene Name

multiple endocrine neoplasia 1

VIEW GENETICS

RESEARCH APPLICATIONS

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

These mice possess *loxP* sites flanking exons 3 to 8 of the targeted gene. Mice that are homozygous for this allele are viable, fertile, normal in size and do not display any gross physical or behavioral abnormalities.

When bred to a strain expressing Cre recombinase in parathyroid tissue (see Stock No. [005989](#) for example), this mutant mouse strain may be useful in studies of hypercalcemia and parathyroid neoplasia.

Development

Selected References

Genetics

Men1^{tm1.2Cre}

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

References

Technical Support

CONTACT TECHNICAL SUPPORT

Genotyping Protocols

Standard PCR:[Men1-Alternate 1](#)

[Genotyping resources and troubleshooting](#)

Breeding Considerations

When maintaining a live colony, these mice are bred as homozygotes.

[Additional Breeding and Husbandry Support](#)

Citation

When using the Men1dN/dN mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #005109 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 Wildtype for Men1<tm1.2Cre>	\$2,854.50

RELATED PRODUCTS AND SERVICES

Frozen Mouse Embryo	129S(FVB)-Men1<tm1.2Cre>/J Frozen Embryos	\$2595.00
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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

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[All](#)

[By Allele](#)

[By Gene](#)

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TOMORROW'S CURES



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Yes No