

**C57BL/6J-Cldn9<sup>nmf329</sup>/J**Stock No: **005255** **Chemically Induced Mutation, Coisogenic**

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

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*The Jackson Laboratory cannot guarantee that cryorecovery of strains from the discontinued NIM-funded Neuroscience Mutagenesis Facility (NMF) will be successful or that the anticipated phenotype or genotype will be obtained. The cryorecovery fee for this effort will not be refunded or prorated if the recovery is unsuccessful or is in any way unsatisfactory. Genotyping will be the responsibility of the Purchaser.*

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## GENETIC OVERVIEW

**Genetic Background****Generation****Cldn9<sup>nmf329</sup>****Allele Type****Gene Symbol****Gene Name**

Chemically induced (ENU)

Cldn9

claudin 9

[VIEW GENETICS](#)

## RESEARCH APPLICATIONS

Neurobiology 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

Routine examination for auditory function at 4-5 weeks of age revealed the mutants to be deaf. Acoustic startle response and Auditory brain stem recordings yielded no response at every frequency and intensity tested (click, 8, 16, 32 Hz at 30-90 dB). Standard pathology work-up on two mutants (46 or 80 days of age) showed no abnormalities. Serial sections of the ears of the younger mutant showed some slight loss of hair cells in the left ear; whole-mount ear exam performed on the older mutant showed the presence of otoconia and no abnormalities. Mutants of either gender have been produced and the colony is maintained through homozygous breeding.

### Development

### Control Suggestions

## Genetics

### *Cldn9<sup>nmf329</sup>*

## Disease/Phenotype

### Disease Terms

### Research Areas By Phenotype

### Mammalian Phenotype Terms by Genotype

### References

## Technical Support

### CONTACT TECHNICAL SUPPORT

#### Genotyping Protocols

[Genotyping resources and troubleshooting](#)

#### Appearance

black

Related Genotype: *a/a*

#### Citation

When using the C57BL/6J-*Cldn9<sup>nmf329</sup>*/J mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #005255 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
<a href="#">Cryo Recovery</a>	Unknown for nmf329	\$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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## Terms Of Use

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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](mailto:TechTran@jax.org)

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All

By Allele

By Gene

By Collection





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# TOMORROW'S CURES



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Yes  No