

**C57BL/6J-*nmf4*/J**

Stock No: **004085**

 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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## GENETIC OVERVIEW

**Genetic Background**

**Generation**

000664 C57BL/6J

*nmf4*

**Allele Type**

**Gene Symbol**

**Gene Name**

Chemically induced (ENU)

*nmf4*

neuroscience mutagenesis facility, 4

VIEW GENETICS

## RESEARCH APPLICATIONS

VIEW ALL RESEARCH APPLICATIONS

## BASE PRICE

Starting at:

\$2,854.50 Domestic price Cryo Recovery

VIEW PRICE LIST

## Details

### Detailed Description

The mutants develop detectable head-tilt and slight tremor by weaning age (average onset 16 +/- 3 days). Mutants of either gender have been produced and homozygotes are viable. Detailed whole ear histology on 1 mutant (age 48 days) showed saccular and utricular otoconia; no labyrinth malformation was observed. Standard pathology work-up on 3 other mutants (age 20 days) showed the thymus had a thin, atrophic cortex with few lymphocytes and some apoptosis; the spleen was very small. Standard eye histology on one mutant and one control littermate (age 29 days) showed no abnormalities.

### Development

## Genetics

### *nmf4*

## Disease/Phenotype

### Disease Terms

### Research Areas By Phenotype

### Mammalian Phenotype Terms by Genotype

### References

## Technical Support

## Genotyping Protocols

### Genotyping resources and troubleshooting

#### Appearance

black

Related Genotype: *a/a*

#### Citation

When using the C57BL/6J-*nmf4*/J mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #004085 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>	Heterozygous for <i>nmf4</i>	\$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.

## Terms Of Use

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### LICENSING INFORMATION

Phone: 207-288-6470

Email: [TechTran@jax.org](mailto:TechTran@jax.org)

## Related Strains

All

By Allele

By Gene

By Collection






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