

**B6SJL-Chrd<sup>tm1Emdr</sup> /J**  
Stock No: **007552** | Chrd-  
 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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### Donating Investigator

Edward De Robertis, University of California, Los Angeles

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## GENETIC OVERVIEW

Genetic Background      Generation

*Chrd<sup>tm1Emdr</sup>*

Alele Type	Gene Symbol	Gene Name
Targeted (Reporter, Null/Knockout)	<i>Chrd</i>	chordin

VIEW GENETICS

## RESEARCH APPLICATIONS

Developmental 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

Mice that are homozygous for the targeted mutation die at birth. They display an extensive array of head and neck congenital malformations similar to the DiGeorge and Velo-Cardio-Facial syndromes. At low penetrance, they show early lethality and a ventralized gastrulation phenotype. No transcription was found by *in situ* hybridization of gastrulation phase embryos. Some heterozygotes display a circling behavior.

### Development

### Expression Data

### Selected References

## Genetics

### Chrd<sup>tm1Emdr</sup>

## Disease/Phenotype

### Disease Terms

### Research Areas By Phenotype

### Mammalian Phenotype Terms by Genotype

### References

## Technical Support

## Genotyping Protocols

Separated PCR:[Chrd Alternate1](#)

Standard PCR:[Generic Neo](#)

Probe:[Generic Neo](#)

[Genotyping resources and troubleshooting](#)

## Breeding Considerations

When maintaining a live colony, these mice are bred as heterozygotes. Homozygotes have a perinatal lethal phenotype.

[Additional Breeding and Husbandry Support](#)

## Citation

When using the Chrd- mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #007552 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 or Wild-type for Chrd<tm1Emdr>	\$2,854.50

### RELATED PRODUCTS AND SERVICES

<a href="#">Frozen Mouse Embryo</a>	B6SJL-Chrd<tm1Emdr>/J Frozen Embryo	\$2595.00
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Phone: 207-288-6470

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

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