C57BL/6J-Rorb

Stock No: 006948

Coisogenic, Spontaneous Mutation

PLACE ORDER

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

Overview

Mice homozygous for the high stepper mutation display an abnormal gait in which they pull their rear legs up to the body as they walk. They also draw the rear legs to the belly when picked up by the tail. Electroretinogram recordings are abnormal for all homozygotes on a pure C57BL/6J background or on a (C57BL/6J x CAST/EiJ)F2 background. Histology of the eye shows rosettes and misplaced ganglion cells by approximately 2 weeks of age.

READ MORE +
Details

Detailed Description
Mice homozygous for the high stepper mutation display an abnormal gait in which they pull their rear legs up to the body as they walk. They also draw the rear legs to the belly when picked up by the tail. Electretinogram recordings are abnormal for all homozygotes on a pure C57BL/6J background or on a (C57BL/6J x CAST/Ei)F2 background. Histology of the eye shows rosettes and misplaced ganglion cells by approximately 2 weeks of age.

Development

Control Suggestions

Selected References

Genetics

Genetic Overview

<table>
<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
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<tbody>
<tr>
<td>Spontaneous</td>
<td>Rorb</td>
<td>RAR-related orphan receptor beta</td>
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</table>

Research Applications
Sensorineural Research
Neurobiology Research

Price

Starting at:
$2,864.50 Domestic price Cryo Recovery

View Genetics

View Research Applications

View Price List
Genotyping Protocols
MELT: Rorβ<sup>hsp</sup> Alternate3
QPCR: Rorβ<sup>hsp</sup>-qPCR
Genotyping resources and troubleshooting

Citation
When using the C57BL/6J-Rorβ<sup>hsp</sup> mouse strain in a publication, please cite the originating article(s) and include JAX stock #004948 in your Materials and Methods section.
Production of mice from cryopreserved embryos or sperm occurs in a maximum barrier room, G200

Pricing & Availability

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

<table>
<thead>
<tr>
<th>Domestic</th>
<th>International</th>
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Cryorecovery - Domestic Pricing

<table>
<thead>
<tr>
<th>SERVICE</th>
<th>GENOTYPE</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cryo Recovery</td>
<td>Heterozygous for hsp</td>
<td>$2,854.50</td>
</tr>
</tbody>
</table>

We will fulfill your order by providing at least two carriers for each strain ordered. The total number, sex, and genotypes provided will...
vary, although typically 8 or more animals are provided. Please check genotypes which will be recovered. While the genotypes of all animals produced will be communicated to you prior to scheduling shipment, the genotypes of animals provided may not reflect the mating scheme and genotypes described in the strain description. Animals are typically ready to ship in 11-14 weeks. If a second recovery is required to produce the minimum number of animals, then delivery time would increase to approximately 25 weeks. If we fail to produce animals of the correct genotype, you will not be charged. We cannot guarantee the reproductive success of mice shipped to your facility. If the mice are lost after the first three days (post-arrival) or do not produce progeny at your facility, a new order and fee will be necessary.

Cryorecovery to establish a Dedicated Supply for greater quantities of mice. Mice recovered can be used to establish a dedicated colony to contractually supply you mice according to your requirements. Price by quotation.

### Related Products and Services

| Frozen Mouse Embryo | $2,595.00 per straw or vial |

### 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.

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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.

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**Terms of Use**

**General Terms and Conditions**

**Licensing Information**

Phone: 207-288-6470
Email: TechTran@jax.org

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