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.
RESEARCH APPLICATIONS
Sensorineural Research
Neurobiology Research

BASE PRICE
Starting at:

$2,854.50 Domestic price Cryo Recovery

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. 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.

Development

Control Suggestions

Selected References

Genetics

(Rorb)$^{hst}$
Genotyping Protocols
Standard PCR: Rorb Alternate3
QPCR: Rorb-qPCR
Genotyping resources and troubleshooting

Citation
When using the C57BL/6J-Rorb<sup>hstp</sup>/J mouse strain in a publication, please cite the originating article(s) and include JAX stock #006948 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.

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<th>SERVICE/PRODUCT</th>
<th>DESCRIPTION</th>
<th>PRICE</th>
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<td>Cryo Recovery</td>
<td>Heterozygous for hstp</td>
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Related Products and Services

Frozen Mouse Embryo  | C57BL/6J-Rorb<sup>hstp</sup>/J Frozen Embryo | $2595.00 |
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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