B 6. M RCLn-t nsh Grsr J

Stock No: 023062 | unsteady small lethal

Congenic, Spontaneous Mutation

Overview

Also Known As: unsteady small lethal

This spontaneous mutation has not yet been characterized at the molecular level, but it causes small body size, splaying of the hind legs, ataxia, and pre-wean lethality.
**GENETIC OVERVIEW**

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
</tr>
</thead>
<tbody>
<tr>
<td>000664 C57BL/6J</td>
<td></td>
</tr>
</tbody>
</table>

**Cntrn1<sub>usl</sub>**

<table>
<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spontaneous (Not Specified)</td>
<td>Cntrn1</td>
<td>contactin 1</td>
</tr>
</tbody>
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**RESEARCH APPLICATIONS**

**BASE PRICE**

Starting at:

$2,854.50 Domestic price Cryo Recovery

**Disease/Phenotype**

Mice homozygous for this recessive mutation have a small, runted body and lack of vitality. They splay their hind legs and are ataxic, with a few displaying head leaning and slow circling. Homozygotes usually die by three weeks of age. Fewer homozygotes are recorded from heterozygous intercrosses than the 25% predicted by Mendelian inheritance, likely due to embryonic or perinatal lethality.
Genotyping Protocols
Genotyping resources and troubleshooting

Breeding Considerations
Due to pre-wean lethality of homozygotes this strain is maintained by intercrossing heterozygotes.

Additional Breeding and Husbandry Support
Mating System
Progeny Tested
intercross of progeny tested heterozygote

Citation
When using the unsteady small lethal mouse strain in a publication, please cite the originating article(s) and include JAX stock #023062 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

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

<table>
<thead>
<tr>
<th>SERVICE/PRODUCT</th>
<th>DESCRIPTION</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cryo Recovery</td>
<td>Heterozygous or wildtype for Cntn1&lt;usl&gt;</td>
<td>$2,854.50</td>
</tr>
</tbody>
</table>

Related Products and Services

Frozen Mouse Embryo    | B6.MRL-Cntn1<usl>/GrsrJ 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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Related Strains

All

By Allele

By Gene

By Collection

All Related Strains