Overview

These mice carry a spontaneous recessive mutation characterized by a shaky, unsteady, wobbly gait.

C3H/HeJ <sup>Atp8a2<sup>+/−</sup></sup> <sup>GrsrJ<sup>+/−</sup></sup>

Stock No: 004780

Coisogenic, Spontaneous Mutation

CRYO RECOVERY

PLACE ORDER

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

**Genetic Background**

<table>
<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spontaneous</td>
<td>Atp8a2</td>
<td>ATPase, aminophospholipid transporter-like, class I, type 8A, member 2</td>
</tr>
</tbody>
</table>

**RESEARCH APPLICATIONS**

**Developmental Biology Research**

**Neurobiology Research**

**BASE PRICE**

Starting at: $2,854.50 Domestic price Cryo Recovery

**Important Note**

This strain is homozygous for the retinal degeneration allele *Pde6b<sup>rd1</sup>.*

**Detailed Description**

Mice homozygous for this recessive mutation are recognized by 15 days of age by their shaky, unsteady, wobbly gait. Mutants die around three weeks of age. The agitans-like mutation maps to Chromosome 14 between *D14Mit39* and *D14Mit115* which are near the neurological mouse mutation agitans (*ag*). The agitans mutants exhibit a similar phenotype.

**Development**

**Control Suggestions**

**Selected References**

**Genetics**
**Atp8a2**

**Disease/Phenotype**

**Disease Terms**

**Research Areas By Phenotype**

**Mammalian Phenotype Terms by Genotype**

**References**

**Technical Support**

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### Genotyping Protocols

**Genotyping resources and troubleshooting**

**Appearance**

*agouti, unaffected*

Related Genotype: A/A agil/+ or A/A +/-

**Citation**

When using the C3H/HeJ-Atp8a2<sup>agil</sup>/GrsrJ mouse strain in a publication, please cite the originating article(s) and include JAX stock #004780 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**

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### Pricing & Availability

**Cryo Recovery**

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>
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<tbody>
<tr>
<td>Cryo Recovery</td>
<td>Progeny testing required but not provided. No genotyping assay is available for these recessive cryo-recovered animals of undefined genotype</td>
<td>$2,854.50</td>
</tr>
</tbody>
</table>
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