These mice carry a spontaneous recessive mutation characterized by a shaky, unsteady, wobbly gait.
### 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>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<sup>agil</sup>

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

References

Technical Support

Genotyping Protocols
Genotyping resources and troubleshooting

Appearance
agouti, unaffected
Related Genotype: A/A<sup>agil</sup>/+ or A/A+/?

Citation
When using the C3H/HeJ-<sup>Atp8a2<sup>agil</sup></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
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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<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>
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</table>
**Related Products and Services**

| Frozen Mouse Embryo | C3H/HeJ-Atp8a2<agt>/GrsrJ | $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

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<td></td>
<td>By Gene</td>
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<td>By Collection</td>
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All Related Strains