Also Known As: Purkinje cell degeneration 5 Jackson  

Agtpbp1<sup>pcd-5J</sup> homozygotes are visibly classified by weaning age and live through adulthood. They present the ataxic gait and severe deficiency of Purkinje cells characteristic of other Agtpbp1 alleles. See initial characterizing.
GENETIC OVERVIEW

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
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<tr>
<td>Agtpbp1&lt;sub&gt;pcd-5J&lt;/sub&gt;</td>
<td>Gene Symbol</td>
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<tr>
<td>Spontaneous</td>
<td>Agtpbp1</td>
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RESEARCH APPLICATIONS

Neurobiology Research

BASE PRICE

Starting at:

$2,854.50 Domestic price Cryo Recovery

Details

Agtpbp1<sub>pcd-5J</sub> homozygotes are visibly classified by weaning age and live through adulthood. They present the ataxic gait and severe deficiency of Purkinje cells characteristic of other Agtpbp1 alleles. See initial characterization.

Development

Control Suggestions

Selected References

Genetics

Agtpbp1<sub>pcd-5J</sub>
Genotyping Protocols
Sanger sequencing: Agtpbp1
Genotyping resources and troubleshooting

Breeding Considerations
Homozygous males do not breed, but homozygous females sometimes do making the homozygote x heterozygote breeding scheme an option for colony maintenance.

Additional Breeding and Husbandry Support

Appearance
dilute brown, ataxic
Related Genotype: a/a Tyrp1b/Tyrp1b Myo5aD/Myo5aD Agtpbp1pcd-5J/Agtpbp1pcd-5J

dilute brown, unaffected
Related Genotype: a/a Tyrp1b/Tyrp1b Myo5aD/Myo5aD Agtpbp1pcd-5J/+ 

Citation
When using the Purkinje cell degeneration 5 Jackson mouse strain in a publication, please cite the originating article(s) and include JAX stock #004518 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.

Cryo Recovery

Domestic

International

Pricing effective for USA, Canada and Mexico shipping destinations

Cryorecovery - Domestic Pricing

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<tr>
<th>SERVICE/PRODUCT</th>
<th>DESCRIPTION</th>
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Related Strains

All

By Allele

By Gene

By Collection

All Related Strains

**129S1;129S6-Agtpbp1pcd-9J/CxJ**

*Stock No: 029430 | Purkinje cell degeneration 9 Jackson*

Related By:

*Agtpbp1*

**A/J-Abcg5trac/J**

*Stock No: 001830 | thrombocytopenia and cardiomyopathy*

Related By:

*MVR for web*

**B6.BR-Agtpbp1pcd/J**

*Stock No: 000537 | Purkinje cell degeneration*

Related By:

*Agtpbp1, MVR for web*

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