B6.CB6-oc1cs4/LlpJ

Stock No: 007623 | cappuccino

Congenic, Spontaneous Mutation

Overview

Also Known As: cappuccino

Homozygous mutants exhibit severe dilution in coat color, diminished eye pigmentation, and increased bleed times due to defective platelet aggregation.

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

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bloc1s4\textsuperscript{cno}</strong></td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spontaneous</td>
<td>Bloc1s4</td>
<td>biogenesis of lysosomal organelles complex-1, subunit 4, cappuccino</td>
</tr>
</tbody>
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**RESEARCH APPLICATIONS**

- Hematological Research
- Dermatology Research
- Cell Biology Research

**BASE PRICE**

Starting at:

$2,854.50 Domestic price Cryo Recovery

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**Details**

Mice homozygous for the cappuccino mutation have a severe dilution in coat color and diminished eye pigmentation. The BLOC-1 complex is disrupted and melanosome development appears arrested at an early stage. These homozygotes have significantly increased bleed times due to defective platelet aggregation. This mutation provides a model for Hermansky-Pudlak Syndrome.

**Development**

**Selected References**

**Genetics**

**Bloc1s4\textsuperscript{cno}**

**Disease/Phenotype**
Genotyping Protocols
Genotyping resources and troubleshooting

Citation
When using the cappuccino mouse strain in a publication, please cite the originating article(s) and include JAX stock #007623 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 for Cno&lt;cno&gt;</td>
<td>$2,854.50</td>
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</table>

Related Products and Services

Frozen Mouse Embryo B6.C3-Bloc1s4<cno>/LipJ $2595.00
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Related Strains

All

By Allele

By Gene

By Collection

All Related Strains

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