B6C3-unc5c/J

Stock No: 001607 | rostral cerebellar malformation

Spontaneous Mutation

Also Known As: rostral cerebellar malformation

These mice carry a spontaneous mutation at the Unc5c locus characterized by falling to the side, an irregular thickness of the cortex, and scrambled Purkinje and granule cells.

Overview

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

ORDER

Placed Order

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

Genetic Overview
The cerebellum of mice homozygous for the rostral cerebellar malformation spontaneous mutation (Unc5c<sup>rcm</sup>) is smaller with fewer folia, there are ectopic cerebellar cells in the midbrain, and abnormal neuronal migration. Homozygous mutant mice are ataxic and experience growth retardation early in life. Homozygous males usually do not breed.
Related Products and Services

Frozen Mouse Embryo  B6C3Fe a/a-Unc5c<rcm>/J Frozen Embryos  $2595.00

Genotyping Protocols
Genotyping resources and troubleshooting

Citation

When using the rostral cerebellar malformation mouse strain in a publication, please cite the originating article(s) and include JAX stock #001607 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

Cryo Recovery

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

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<th>SERVICE/PRODUCT</th>
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<tr>
<td>Cryo Recovery</td>
<td>Heterozygous or Homozygous for Unc5c&lt;rcm&gt;, 1 pair minimum</td>
<td>$2,854.50</td>
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*Dropping off the minimum order to receive a discount*
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