Overview

Also Known As: dumbo

These mice exhibit laterally protruding ears, small body size; some exhibit microphthalmia, and a proportion of homozygotes die within the first three days of life. This strain is a model for oculo-auricular syndrome.

Donating Investigator

Dr. Ken Johnson, JAX
Mice homozygous for the dumbo mutation have low set, laterally protruding ears. They are smaller in overall body size than normal, with males weighing about half that of normal littermates at three days of age and lagging behind through nine days of age. Most have microphthalmia. This mutation causes perinatal lethality such that approximately 40% fewer homozygotes than predicted by standard Mendelian genetics are found at three weeks of age. Further assessment showed that most of the homozygous death occurs within the first three days of life and is strongly associated with exencephaly. This strain is a model for oculo-auricular syndrome.
Genotyping Protocols
Genotyping resources and troubleshooting

Citation
When using the dumbo mouse strain in a publication, please cite the originating article(s) and include JAX stock #015824 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>
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<tr>
<th>SERVICE/PRODUCT</th>
<th>DESCRIPTION</th>
<th>PRICE</th>
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<tr>
<td>Cryo Recovery</td>
<td>Heterozygous for Hmx1&lt;dmbo&gt;</td>
<td>$2,854.50</td>
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Related Products and Services

| Frozen Mouse Embryo | STOCK Hmx1<dmbo>/KjnJ | $2,854.50 |

Cryorecovery - Domestic Pricing

Pricing effective for USA, Canada and Mexico shipping destinations
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

- All
- By Allele
- By Gene
- By Collection

All Related Strains

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