B6C3Fe a/a-Ptch1 mes/J

Stock No: 001430 | mesenchymal dysplasia

Spontaneous Mutation

CRYO RECOVERY

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

Also Known As: mesenchymal dysplasia

These mice carry a spontaneous mutation at the Ptch1 locus characterized by excess skin, increased body weight, and mild preaxial polydactyly.

READ MORE +

GENETIC OVERVIEW

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
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<tbody>
<tr>
<td>a</td>
<td></td>
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<tr>
<td>Allele Type</td>
<td>Gene Symbol</td>
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<tr>
<td>Spontaneous</td>
<td>a</td>
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<tr>
<td>Ptch1mes</td>
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<td>Spontaneous</td>
<td>Ptch1</td>
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</tbody>
</table>

VIEW GENETICS

RESEARCH APPLICATIONS

Dermatology Research
Developmental Biology Research
Reproductive Biology Research

VIEW ALL RESEARCH APPLICATIONS

BASE PRICE
Mice homozygous for the mesenchymal dysplasia spontaneous mutation (mes) have a shortened face, wide set eyes, excessive skin, belly spot, kinked tail, preaxial polydactyly, and thickened foot pads. Homozygous mutant mice also display mineralization of tendons and multiple skeletal defects. Both sexes are infertile. Male mice have cryptorchid testes.
Appearance
black
Related Genotype: a/a Ptc1^{mes}/+ or a/a ?/+

black with shortened face, wide set eyes, kinked tail, foot defects, belly spot and excessive skin
Related Genotype: a/a Ptc1^{mes}/Ptc1^{mes}

Citation
When using the mouse phenotypic dysplasia mouse strain in a publication, please cite the originating article(s) and include JAX stock #001430 in your Materials and Methods section. 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>Cryorecovery - Domestic Pricing</th>
<th>GENOTYPE</th>
<th>PRICE</th>
</tr>
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<tbody>
<tr>
<td>Cryo Recovery</td>
<td>Heterozygous, or wildtype pairs for Ptc1&lt;mes&gt;, 1 pair minimum</td>
<td>$2,595.00</td>
</tr>
</tbody>
</table>

We will fulfill your order by providing at least two carriers for each strain ordered. The total number, sex, and genotypes provided will vary, although typically 8 or more animals are provided. Please check genotypes which will be recovered. While the genotypes of all animals produced will be communicated to you prior to scheduling shipment, the genotypes of animals provided may not reflect the mating scheme and genotypes described in the strain description. Animals are typically ready to ship in 11-14 weeks. If a second recovery is required to produce the minimum number of animals, then delivery time would increase to approximately 25 weeks. If we fail to produce animals of the correct genotype, you will not be charged. We cannot guarantee the reproductive success of mice shipped to your facility. If the mice are lost after the first three days (post-arrival) or do not produce progeny at your facility, a new order and fee will be necessary.

Cryorecovery to establish a Dedicated Supply for greater quantities of mice. Mice recovered can be used to establish a dedicated colony to contractually supply you mice according to your requirements. Price by quotation.

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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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Terms Of Use

General Terms and Conditions

Licensing Information
Phone: 207-288-6470
Email: TechTran@jax.org

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