FVB.B-Wld CD1/J

Stock No: 008820

Congenic Spontaneous Mutation

CRYO RECOVERY

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

This Wld5 spontaneous mutant mouse strain may be useful in studies of peripheral nerve regeneration and neurodegenerative disorders.

Donating Investigator
Umrao R Monani, Columbia University Medical Center

GENETIC OVERVIEW

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
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<tbody>
<tr>
<td>Wld5</td>
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<table>
<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
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<tbody>
<tr>
<td>Spontaneous</td>
<td>Wid</td>
<td>wallerian degeneration</td>
</tr>
</tbody>
</table>

VIEW GENETICS

RESEARCH APPLICATIONS
Neurobiology Research

VIEW ALL RESEARCH APPLICATIONS

BASE PRICE
Starting at:
$2,595.00 Domestic price Cryo Recovery
Details

Detailed Description
The Wallerian degeneration slow spontaneous mutation, Wld<sup>5</sup>, arose on the C57BL/10a background. On the congeneric FVB/N background, mice that are homozygous for this mutation exhibit delayed Wallerian degeneration compared to wildtype controls. Wallerian degeneration is the process of degeneration, after transection, of axons distal to the sever site of a peripheral nerve, and includes infiltration of macrophages, demyelination and initiation of Schwann cell mitosis. The Wld<sup>5</sup> mutation is widely expressed and is detected in neural tissue.

Development

Control Suggestions

Selected References

Genetics

Wld<sup>5</sup>

Disease/Phenotype

Disease Terms

Research Areas By Genotype

Mammalian Phenotype Terms by Genotype

References

Technical Support

Genotyping Protocols
Standard PCR: Wld<sup>5</sup>
Genotyping resources and troubleshooting

Breeding Considerations
When maintaining a live colony, these mice can be bred as homozygotes.
Additional Breeding and Husbandry Support
Citation
When using the FLR B-Wic<sup>5</sup>/UmoenJ mouse strain in a publication, please cite the originating article(s) and include JAX stock #008820 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>Domestic</th>
<th>International</th>
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<tr>
<td>Pricing effective for USA, Canada, and Mexico shipping destinations</td>
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</table>

<table>
<thead>
<tr>
<th>CRYORECOVERY</th>
<th>GENOTYPE</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cryo Recovery</td>
<td>Heterozygous or wildtype for Wld&lt;S&gt;</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 Dedicate 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.

Related Products and Services

<table>
<thead>
<tr>
<th>Product</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frozen Mouse Embryo</td>
<td>$2,595.00 per straw or vial</td>
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</tbody>
</table>

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.

The Jackson Laboratory’s Genotype Promise
The Jackson Laboratory has rigorous genetic quality control and mutant gene genotyping programs to ensure the genetic background of JAX<sup>®</sup> Mice strains as well as the genotypes of strains with identified molecular mutations. JAX<sup>®</sup> Mice strains are only made available to researchers after meeting our standards. However, the phenotype of each strain may not be fully characterized and/or captured in the strain data sheets. **Therefore, we cannot guarantee a strain’s phenotype will meet all expectations.** To ensure that JAX<sup>®</sup> Mice will meet the needs of individual research projects or when requesting a strain that is new to your research, we suggest ordering and performing tests on a small number of mice to determine suitability for your particular project.
Terms Of Use

General Terms and Conditions

QUESTIONS ABOUT TERMS OF USE

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

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