C57L/J-Tg(Tcrb)93Vbo/J

Stock No: 003540

Transgenic

CRYO RECOVERY

PLACE ORDER

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

Overview

These mice express a transgene containing a rearranged genomic segment derived from the Tcrb locus.

Donating Investigator

Richard T. Smith, Univ. of Florida College of Medicine

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### GENETIC OVERVIEW

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
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<tbody>
<tr>
<td><strong>Tg(Tcrb)93Vbo</strong></td>
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</table>

**Allele Type**
Transgenic (Inserted expressed sequence)

**RESEARCH APPLICATIONS**

Research Tools

**BASE PRICE**
Starting at:

- $2,595.00 Domestic price Cryo Recovery

Details

#### Detailed Description

This transgenic mouse was constructed with a rearranged genomic segment derived from the Tcrb locus. T lymphocytes express the transgenic TCRB chain on cell surfaces while the protein products encoded by endogenous Tcrb genes are not expressed. Homozygous mice generally don’t survive beyond postnatal week four. This strain may provide a specific developmental marker for a prothymocyte lineage subset that lacks pluripotential properties.

#### Development

#### Expression Data

#### Control Suggestions

#### Selected References

#### Genetics

#### Tg(Tcrb)93Vbo
Genotyping Protocols
Genotyping resources and troubleshooting

Breeding Considerations
When maintaining a live colony, hemizygous mice may be bred to wildtype mice from the colony or to C57L/J inbred mice (Stock No. 000668). The expected coat color from breeding is leaden.
Additional Breeding and Husbandry Support

Citation
When using the C67L/J Tg(Tcrb)93Vbo/J mouse strain in a publication, please cite the originating article(s) and include JAX stock #003540 in your Materials and Methods section.

Animal Health Reports
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 for more information.

<table>
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<tr>
<th>SERVICE</th>
<th>GENOTYPE</th>
<th>PRICE</th>
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<tbody>
<tr>
<td>Cryo Recovery</td>
<td>Hemizygous or Non carrier for Tg(Tcrb)93Vbo</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.

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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Terms of Use

Terms of Use
General Terms and Conditions

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

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### Related Strains

- All
- By Allele
- By Gene
- By Collection

All Related Strains
ELLSWORTH FACILITY OFFICIALLY OPEN AND OPERATIONAL
Shipments have begun at our new facility, allowing increased access to JAX mouse models.