C.129P2(B6)-Gt(Rosa)26Soi^{m1(GTAL)kly}J

Stock No: 009670

Green: Congenic, Targeted Mutation

**CRYO RECOVERY**

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

These ROSA-DTA floxed mice express the diphtheria toxin alpha chain gene (DTA) only following cre-mediated removal of the floxed neo/STOP cassette, and are useful to provide selective ablation in a tissue/cell-specific manner.

Donating Investigator
Richard M. Locksley, Univ of California San Francisco-HHMI

GENETIC OVERVIEW

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
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<tbody>
<tr>
<td>Gt(ROSA)26Sor^{im1(DTA)Lky}</td>
<td></td>
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<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Targeted (Conditional ready (e.g. floxed), inserted expressed sequence, No functional change)</td>
<td>Gt(ROSA)26Sor</td>
<td>gene trap ROSA 26, Philippe Soriano</td>
</tr>
</tbody>
</table>

RESEARCH APPLICATIONS

Research Tools

BASE PRICE

Starting at:

$2,595.00 Domestic price Cryo Recovery

VIEW PRICE LIST
Detailed Description

Homozygotes are viable, fertile and do not display any gross physical or behavioral abnormalities. When these ROSA-DTA mice are crossed with a Cre recombinase strain, the floxed-STOP cassette is deleted and the Gt(Rosa)26Sor promoter drives expression of dipheria toxin in the cre-expressing cells. These ROSA-DTA mice allow selective ablation in a tissue/cell-specific manner.

Of note, ROSA-DTA mice are also available on a C57BL/6 congenic background (see Stock No. 009669).

Development

Expression Data

Control Suggestions

Selected References

Genetics

Gt(Rosa)26Sor^{tm1(DTA)lk}

Disease/Phenotype

Disease Terms

Research Areas By Genotype

Mammalian Phenotype Terms by Genotype

References

Contact Technical Support

Genotyping Protocols

SEPARATED MELT: Gt(Rosa)26Sor^{tm1(DTA)lk} alternate1
Separated PCR: Gt(Rosa)26Sor^{tm1(DTA)lk} alternate1
Genotyping resources and troubleshooting

Breeding Considerations

When maintained as a live colony, homozygotes or heterozygotes may be bred.

Additional Breeding and Husbandry Support
Pricing & Availability

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

Domestic | International
--- | ---
Pricing effective for USA, Canada and Mexico shipping destinations

Cryorecovery - Domestic Pricing

<table>
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<tr>
<th>SERVICE</th>
<th>GENOTYPE</th>
<th>PRICE</th>
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</thead>
<tbody>
<tr>
<td>Cryo Recovery</td>
<td>Heterozygous or wildtype for Gt(Rosa)26Sor&lt;tm1(DTA)Lky&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 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.

Related Products and Services

<table>
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<tr>
<th>SERVICE</th>
<th>PRICE</th>
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<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.

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

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