Overview

Also Known As: Alb1-cre

The Alb1-cre transgene was designed with a Cre recombinase gene under control of Alb promoter/enhancer elements. These mice...
may be useful for studying the liver specific deletion of target genes.

Donating Investigator
Dr. Derek LeRoith, Mount Sinai School of Medicine

GENETIC OVERVIEW

Genetic Background

Tg(Alb1-cre)1Dlr

Allele Type
Transgenic (Recombinase-expressing)

RESEARCH APPLICATIONS

Research Tools
Developmental Biology Research

BASE PRICE
Starting at:

$2,854.50 Domestic price Cryo Recovery

Details

Detailed Description

The Alb1-cre transgene was designed with a Cre recombinase gene under control of albumin (Alb) promoter/enhancer elements. Hemizygous Alb1-cre mice are viable, fertile, and normal in size, with cre expression directed specifically to the liver. When these transgenic mice are bred with mice containing a loxP-flanked sequence, Cre-mediated recombination is expected to result in deletion of the floxed sequences in the Cre recombinase-expressing hepatic cells of the offspring. For example, when these mice are bred to Igf1

Development
Genotyping Protocols
Genotyping resources and troubleshooting

Breeding Considerations
When maintaining a live colony, homozygous mice may be bred together.
Additional Breeding and Husbandry Support

Citation
When using the Alb1-cre mouse strain in a publication, please cite the originating article(s) and include JAX stock #016832 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.
Cryorecovery - Domestic Pricing

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<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(Alb1-cre)1Dlr</td>
<td>$2,854.50</td>
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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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Email: TechTran@jax.org
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Related Strains

All

By Allele

By Gene

By Collection