Overview

Also Known As: Adipoq-Cre

A C57BL/6J congenic version of this strain is available as Stock No. 028020.

Mice harboring the Adipoq-Cre BAC transgene express Cre recombinase under control of the mouse adiponectin (Adipoq)
Donating Investigator
Evan D Rosen, Beth Israel Deaconess Medical Center and Harvard Medical School

GENETIC OVERVIEW

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
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<tbody>
<tr>
<td>Tg(Adipoq-cre)1Evdr</td>
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Allele Type

Transgenic (Recombinase-expressing)

RESEARCH APPLICATIONS

Research Tools
Cardiovascular Research
Metabolism Research
Endocrine Deficiency Research
Internal/Organ Research

BASE PRICE
Starting at:

$2,854.50 Domestic price Cryo Recovery

Details

Mice hemizygous for this Adipoq-Cre BAC transgene are viable and fertile, with expression of a Cre recombinase directed to adipose tissue by the promoter/regulatory regions of the mouse adiponectin (Adipoq) locus on the BAC transgene. Transcription/translation from the BAC Adipoq locus is disabled, and Cre recombinase expression levels are similar to that of endogenous Adipoq expression. These mice express Cre recombinase effectively in white adipose tissue (WAT) and brown
adipose tissue (BAT), but not in macrophages (including adipose-tissue resident macrophages, alveolar macrophages, or thioglycollate-stimulated peritoneal macrophages). The donating investigator reports highly efficient Cre recombinase activity, with no ectopic expression. The phenotype of homozygous mice was not determined by the donating investigator. These Adipoq-Cre BAC transgenic mice may be useful in generating conditional mutations for studying adipose tissue function and storage, obesity, and other metabolic diseases.
**Citation**

When using the Adipoq-Cre mouse strain in a publication, please cite the originating article(s) and include JAX stock #010803 in your Materials and Methods section.

Production of mice from cryopreserved embryos or sperm occurs in a maximum barrier room, **G200**

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**Pricing & Availability**

**Cryo Recovery**

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

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**Domestic & International**

Pricing effective for USA, Canada and Mexico shipping destinations

<table>
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<tr>
<th>Cryorecovery - Domestic Pricing</th>
<th>DESCRIPTION</th>
<th>PRICE</th>
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<tbody>
<tr>
<td>Cryo Recovery</td>
<td>Hemizygous or non carrier for Tg(Adipoq-cre)1Evdr</td>
<td>$2,854.50</td>
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**Related Products and Services**

| Frozen Mouse Embryo | B6;FVB-Tg(Adipoq-cre)1Evdr/J | $2,595.00 |

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**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

General Terms and Conditions

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Related Strains

By Allele