**Overview**

**Also Known As: WAP-Cre**

These WAP-Cre mice express a transgene containing Cre recombinase with expression directed to secretory epithelium by the *Wap* promoter.

**Donating Investigator**
GENETIC OVERVIEW

Genetic Background

Generation

Tg(Wap-cre)11738Mam

Allele Type

Transgenic (Recombinase-expressing)

RESEARCH APPLICATIONS

Research Tools

Cancer Research

BASE PRICE

Starting at:

$2,854.50 Domestic price Cryo Recovery

Details

Detailed Description

This transgenic strain expresses P1 Cre recombinase under the control of the Wap (whey acidic protein) promoter. In mammary gland tissues, the Wap promoter directs expression to secretory epithelium. A maximum of Cre mediated recombination is achieved during pregnancy and lactation, but recombined cells are still present after involution and complete remodeling of the gland. Cre recombinase expression is not entirely restricted to mammary gland, however. A limited amount of Cre activity has been reported in brain tissue.

Development

Expression Data

Control Suggestions
Genotyping Protocols
Probes: Generic Cre
Standard PCR: Tg(Wap-cre)11738Mam

Genotyping resources and troubleshooting

Breeding Considerations
When maintaining a live colony, hemizygous mice are bred with B6129SF1/J (Stock No. 101043). The expected coat color from breeding is Albino, Black, White Bellied Agouti.

Additional Breeding and Husbandry Support
Mating System
+/+ sibling x Hemizygote

Citation
When using the WAP-Cre mouse strain in a publication, please cite the originating article(s) and include JAX stock #003552 in your Materials and Methods section.

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

Pricing & Availability

Cryo Recovery

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

Cryorecovery - Domestic Pricing

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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(Wap-cre)11738Mam</td>
<td>$2,854.50</td>
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All

By Allele

By Gene

By Collection