FVB/N-Tg(EIIa-cre)C5379Lmgd/J

Stock No: 003314 | E2a-Cre

Transgenic

CRYo RECOVERY

REQUEST CRyO RECOVERY

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

Also Known As: E2a-Cre

This line carries a Cre transgene under the control of the adenovirus EIIa promoter that targets expression of Cre recombinase to the early mouse embryo. Cre-mediated recombination occurs in a wide range of tissues, including the germ cells that transmit the genetic alteration to progeny.

Donating Investigator

Dr. Heiner Westphal, National Institutes of Health

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Genetic Background | Generation

Tg(EIIa-cre)C5379Lmgd

Allele Type

Transgenic (Recombinase-expressing)

VIEW GENETICS

Research Tools

VIEW ALL RESEARCH APPLICATIONS

Starting at:
Detailed Description

This line carries a Cre transgene under the control of the adenovirus Ella promoter that targets expression of Cre recombinase to the early mouse embryo. Cre expression is thought to occur prior to implantation in the uterine wall. A mosaic pattern of expression is commonly observed. Cre-mediated recombination occurs in a wide range of tissues, including the germ cells that transmit the genetic alteration to progeny.

View cre expression characterization.

Development

Expression Data

Control Suggestions

Selected References

Genetics

Tg(Ella-cre)C5379L.mgd

Disease/Phenotype

Disease Terms

Research Areas By Genotype

Mammalian Phenotype Terms by Genotype

References

Technical Support

Genotyping Protocols
Genotyping resources and troubleshooting
Breeding Considerations
When maintaining a live colony, these mice are bred by homozygote sibling matings. The expected coat color from breeding is albino.

Additional Breeding and Husbandry Support

Citation
When using the F10.Hsd strain in a publication, please cite the originating article(s) and include JAX stock #003314 in your Materials and Methods section.

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.

<table>
<thead>
<tr>
<th>Domestic</th>
<th>International</th>
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<tbody>
<tr>
<td>Cryorecovery - Domestic Pricing</td>
<td>GENOTYPE</td>
</tr>
<tr>
<td>Cryo Recovery</td>
<td>Hemizygous or non-carrier for Tg(E1a-cre)C5379Lmgd</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
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Email: TechTran@jax.org

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