STOCK Tg(ml56i-cre,EGFP)1Kc/J

Stock No: 023724

Transgenic

CRYO RECOVERY

REQUEST CRYORECOVERY

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

Overview

These Dlx5/6-Cre-IREs-EGFP transgenic mice may be useful for generating specific deletions of floxed alleles in ventral forebrain neuronal populations with fluorescent expression.

Donating Investigator
**GENETIC OVERVIEW**

**Allele Type**
Transgenic (Recombinase-expressing)

**Tg(ml56i-cre,EGFP)1Kc**

**BASE PRICE**
Starting at:

$2,595.00  Domestic price  Cryo Recovery

**RESEARCH APPLICATIONS**
Research Tools
Neurobiology Research

**Details**

**Detailed Description**

Hemizygous Dlx5/6-Cre-IRESCre-EGFP (CIE) transgenic mice are viable and fertile. Expression of Cre recombinase (Cre) and EGFP fluorescence is directed to differentiating and migrating ventral forebrain neurons, including GABAergic neurons, during embryonic development by the mouse id6/id5 enhancer. When Dlx5/6-CIE transgenic mice are bred with mice containing a loxP-flanked sequence, Cre-mediated recombination will result in deletion of the floxed sequence in the vast majority of ventral forebrain neuronal populations of the offspring.
Genetics

Tg(ml56i-cre,EGFP)1Kc

Disease/Phenotype

Disease Terms

Research Areas By Genotype

Mammalian Phenotype Terms by Genotype

References

Technical Support

Genotyping Protocols

Probe: Generic Cre Probe
Genotyping resources and troubleshooting

Breeding Considerations

When maintaining a live colony, hemizygotes may be bred to noncarrier (wildtype) siblings or C57BL/6J inbred mice (Stock No. 000664).
Additional Breeding and Husbandry Support

Citation

When using the Tg(ml56i-cre,EGFP)1Kc/J mouse strain in a publication, please cite the originating article(s) and include JAX stock #023724 in your Materials and Methods section.

Animal Health Reports

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.

Domestic | International

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

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<th>SERVICE</th>
<th>GENOTYPE</th>
<th>PRICE</th>
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<tr>
<td>Cryo Recovery</td>
<td>Hemizygous or Non carrier for Tg(ml5i-cre,EGFP)1Kc</td>
<td>$2,595.00</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.

Related Products and Services

<table>
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<th>Product</th>
<th>Price</th>
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<tr>
<td>Frozen Mouse Embryo</td>
<td>$2,595.00 per straw or vial</td>
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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.

The Jackson Laboratory’s Genotype Promise

The Jackson Laboratory has rigorous genetic quality control and mutant gene genotyping programs to ensure the genetic background of JAX® Mice strains as well as the genotypes of strains with identified molecular mutations. JAX® Mice strains are only made available to researchers after meeting our standards. However, the phenotype of each strain may not be fully characterized and/or captured in the strain data sheets. Therefore, we cannot guarantee a strain’s phenotype will meet all expectations. To ensure that JAX® Mice will meet the needs of individual research projects or when requesting a strain that is new to your research, we suggest ordering and performing tests on a small number of mice to determine suitability for your particular project.

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

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### Related Strains

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