B6.Cg-Tg(DBHn-lacZ)8Rpk/J

Stock No: 003139 | DBH-lacZ

Congenic.Transgenic

REQUEST CRYORECOVERY

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

Also Known As: DBH-lacZ

These DBH-lacZ mice express a transgene containing beta-galactosidase driven by dopamine beta hydroxylase promoter.

Donating Investigator

Dr. Raj P. Kapur, University of Washington Medical Center

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GENETIC OVERVIEW

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
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<tr>
<td>000664 C57BL/6J</td>
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</table>

Tg(DBHn-lacZ)8Rpk

Allele Type

Transgenic (Reporter)

VIEW GENETICS

RESEARCH APPLICATIONS

Research Tools
Neurobiology Research

VIEW ALL RESEARCH APPLICATIONS

BASE PRICE

Starting at:

$2,595.00 Domestic price Cryo Recovery
Details

Detailed Description

Transgenic mice carry a beta-galactosidase reporter gene driven by dopamine beta hydroxylase promoter. LacZ expression is seen in neurons of the locus ceruleus and other classic noradrenergic brain stem nuclei, sympathetic ganglion neurons, and adrenal chromaffin cells. LacZ expression is also observed in neurons of the enteric system, the retina, some sensory and all cranial parasym pathetic ganglia, and some diencephalic and telencephalic brain nuclei.

Development

Expression Data

Control Suggestions

Selected References

Genetics

Tg(DBHn-lacZ)8Rpk

Disease/Phenotype

Disease Terms

Research Areas By Genotype

Mammalian Phenotype Terms by Genotype

References

Technical Support

Genotyping Protocols
Standard PCR: Generic LacZ
Genotyping resources and troubleshooting
Breeding Considerations
This strain originated on a B6SJL background and is maintained by mating heterozygotes to C57BL/6J. Reproduction is excellent. Coat color expected from breeding: Black
Additional Breeding and Husbandry Support

Appearance
black
Related Genotype: a/a

Citation
When using the DBH-lacZ mouse strain in a publication, please cite the originating article(s) and include JAX stock #003139 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>
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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(DBHn-lacZ)8Rpk</td>
<td>$2,595.00</td>
</tr>
</tbody>
</table>

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.

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Email: TechTran@jax.org

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By Gene

By Collection

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