B6N.Cg-Tg(Sftpc,-EGFP)1Dobb/J

Stock No: 028356 | CBG

Congenic, Transgenic

Available

PLACE LAST ORDER

Live colonies will be removed soon

Overview

Also Known As: CBG


CBG transgenic mice have the surfactant associated protein C (Sftpc) promoter/enhancer sequences on a BAC transgene driving expression of EFGP. These mice may be useful for identification, tracking, and isolation of alveolar epithelial type II cells.

Donating Investigator

Leland G. Dobbs, University of California San Francisco
GENETIC OVERVIEW

Genetic Background

Generation
N30+pN1F8
(2019-05-01 00:00:00)

Tg(Sftpc,-EGFP)1Dobb

Allele Type
Transgenic (Reporter)

RESEARCH APPLICATIONS

Research Tools

BASE PRICE
Starting at:
$278.00 Domestic price for female

Details

Detailed Description
CBG transgenic mice have the mouse surfactant associated protein C (Sftpc) promoter/enhancer sequences driving expression of EGFP. Homozygotes are viable, fertile. Under control of Sftpc, EGFP labels all alveolar epithelial type II cells in the lung. Cells can be isolated by FACS and fluorescence can be detected for at least 14 days in culture.

Development

Expression Data

Control Suggestions

Selected References

Genetics
Genotyping Protocols
MELT: Tg(Pdtn,-EGFP)1Dobb-Alternate 1
MELT: Tg(SftpC,-EGFP)1Dobb-Alternate 1
QPCR: Generic GFP/EGFP qPCR
Genotyping resources and troubleshooting

Dietary Information
New Diet as of March 2015: Lab Diet® 5K0Q (6% fat)

Breeding Considerations
When maintaining a live colony, homozygous mice may be bred with wildtype (non-carrier) mice from the colony.
Additional Breeding and Husbandry Support

Mating System
Homozygote x Homozygote

Citation
When using the Tg(EP) mouse strain in a publication, please cite the originating article(s) and include JAX stock #028356 in your Materials and Methods section.
Facility Barrier Level Descriptions
AX10 (Standard)

Pricing & Availability
Available
Live colonies will be removed soon

Domestic International
Pricing effective for USA, Canada and Mexico shipping destinations
## Live Mouse

<table>
<thead>
<tr>
<th>AGE</th>
<th>SEX</th>
<th>GENOTYPE</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approx 4-8 weeks</td>
<td>Female</td>
<td>Homozygous for Tg(SftpclipEGFP)1Dobb</td>
<td>$278.00</td>
</tr>
<tr>
<td></td>
<td>Male</td>
<td>Homozygous for Tg(SftpclipEGFP)1Dobb</td>
<td>$278.00</td>
</tr>
</tbody>
</table>

## Related Products and Services

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

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**General Terms and Conditions**

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

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All

By Allele

By Gene

By Collection

All Related Strains