B6.129(ICR)-Tg(CAG-ECFP)CK6Nagy/J

Stock No: 004218 | CK6/ECFP

Congenic, Transgenic

PLACE ORDER

3–6 week lead time for most orders depending on quantity and age range requested

Overview

Also Known As: CK6/ECFP

All tissues from hemizygous animals, with the exception of erythrocytes and adipocytes, display fluorescence in all cell types under
appropriate lighting conditions.

**Genetic Overview**

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
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<tr>
<td></td>
<td>N11F12</td>
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<td>(2019-03-04 00:00:00)</td>
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</tbody>
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**Tg(CAG-ECFP)CK6Nagy**

**Allele Type**

Transgenic (Inserted expressed sequence)

**Research Applications**

Research Tools

**Base Price**

Starting at:

$255.00 Domestic price for female

**Details**

**Detailed Description**

Mice that are hemizygous for the transgenic insert are viable, fertile, normal in size and do not display any gross physical or behavioral abnormalities. All tissues from hemizygous animals display fluorescence in all cell types under appropriate lighting conditions. Notable exceptions to this phenotype are erythrocytes and adipocytes in which fluorescence is negligible or absent.

In an attempt to offer alleles on well-characterized or multiple genetic backgrounds, alleles are frequently moved to a genetic background different from that on which an allele was first characterized. It should be noted that the phenotype could vary from that originally described. We will modify the strain description if necessary as published results become available.
Expression Data

Control Suggestions

Selected References

Genetics

Tg(CAG-ECFP)CK6Nagy

Disease/Phenotype

Disease Terms

Research Areas By Genotype

Mammalian Phenotype Terms by Genotype

References

Technical Support

CONTACT TECHNICAL SUPPORT

Genotyping Protocols
QPCR: Fluorescent Proteins -- Generic GFP
Standard PCR: Fluorescent Proteins (Generic GFP)
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 together.
Additional Breeding and Husbandry Support

Mating System
Homozygote x Homozygote

Citation
When using the CK6/ECFP mouse strain in a publication, please cite the originating article(s) and include JAX stock #004218 in your
Materials and Methods section.
Facility Barrier Level Descriptions

AX10 (Standard)
Pricing & Availability

3–6 week lead time for most orders depending on quantity and age range requested

Repository Live

Domestic | International
Pricing effective for USA, Canada and Mexico shipping destinations

<table>
<thead>
<tr>
<th>Live Mouse</th>
<th>SEX</th>
<th>GENOTYPE</th>
<th>PRICE</th>
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<tr>
<td></td>
<td></td>
<td>Approx 4–8 weeks</td>
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</tr>
<tr>
<td></td>
<td>Female</td>
<td>Homozygous for Tg(CAG-ECFP)Ick6Nagy</td>
<td>$255.00</td>
</tr>
<tr>
<td></td>
<td>Male</td>
<td>Homozygous for Tg(CAG-ECFP)Ick6Nagy</td>
<td>$255.00</td>
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</tbody>
</table>

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Email: TechTran@jax.org

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Related Strains
ELLSWORTH FACILITY OFFICIALLY OPEN AND OPERATIONAL

Shipments have begun at our new facility, allowing increased access to JAX mouse models.