C57BL/6-Foxp3 \textsuperscript{ImFlv} /J

Stock No: 008374 | FIR

Coisogenic, Targeted Mutation

PLACE ORDER

Live mice available in varying quantities. Ask Customer Service for details.

Overview

Also Known As: FOXP3-IRES-mRFP, FIR

This X-linked targeted knock-in strain co-marks cells expressing the Foxp3 (forkhead box P3) gene with monomeric red fluorescent protein (mRFP). RFP expression faithfully marks gene expression in lymphocytes. This strain may be helpful in studies of Foxp3-expressing regulatory T cells.

Donating Investigator

Dr. Richard A. Flavell, Yale University School of Medicine

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Genetic Background

**N116N2F2**
(2019-03-18 00:00:00)

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**Foxp3**

**Allele Type**
Targeted (Reporter)

**Gene Symbol**
Foxp3

**Gene Name**
forkhead box P3

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**RESEARCH APPLICATIONS**

Research Tools
Immunology, Inflammation and Autoimmunity Research

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**BASE PRICE**
Starting at:

- $0.00 Domestic price for male

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**Details**

**Detailed Description**

Mice homozygous/hemizygous for this X-linked targeted knock-in are viable and fertile and do not display any gross physical or behavioral abnormalities. Cells expressing the forkhead box P3 gene are co-marked with monomeric red fluorescent protein (mRFP). RFP expression faithfully marks gene expression in lymphocytes. This strain may be helpful in studies of forkhead box P3-expressing regulatory T cells.

**Development**

**Expression Data**

**Control Suggestions**

**Selected References**

**Genetics**

**Foxp3**

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### Genotyping Protocols
Separated PCR: Foxp3<sup>tm1Flv</sup>

### Genotyping resources and troubleshooting

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

### Breeding Considerations
When maintained as a live colony, homozygous females may be bred with hemizygous males. This mutation is X-linked.

### Additional Breeding and Husbandry Support

### Mating System
Homozygote x Hemizygote

### Citation
When using the FLP mouse strain in a publication, please cite the originating article(s) and include JAX stock #008374 in your Materials and Methods section.

### Pricing & Availability
Live mice available in varying quantities. Ask Customer Service for details.

### Domestic vs. International Pricing
Pricing effective for USA, Canada and Mexico shipping destinations

<table>
<thead>
<tr>
<th>AGE</th>
<th>SEX</th>
<th>GENOTYPE</th>
<th>PRICE</th>
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<tbody>
<tr>
<td>Approx 4-8 weeks</td>
<td>Female</td>
<td>Homozygous for Foxp3&lt;sup&gt;tm1Flv&lt;/sup&gt;</td>
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Related Strains

- All
- By Allele
- By Gene
- By Collection

All Related Strains