B6.129S4-Gt(ROSA)26Sor tm1Sor/J

Stock No: 003474 | R26R

Available Now

Also Known As: R26R

These mutant mice may be used as a Cre-reporter strain; to test the tissue/cellular expression pattern of cre transgenic mice.

Donating Investigator

IMR Colony, The Jackson Laboratory

READ MORE +

GENETIC OVERVIEW

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
</tr>
</thead>
<tbody>
<tr>
<td>000664 C57BL/6J</td>
<td>Contact Technical Support (2018-07-27 00:00:00)</td>
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</tbody>
</table>
**Allele Type**
Targeted (Conditional ready (e.g. floxed), Reporter)

**Gene Symbol**
Gt(ROSA)26Sor

**Gene Name**
gene trap ROSA 26, Philippe Soriano

**RESEARCH APPLICATIONS**
Research Tools
Neurobiology Research

**BASE PRICE**
Starting at:

$178.54 Domestic price for female 3-week

**Details**

**Detailed Description**
Homozygous mice are viable and fertile, with a loxP-flanked DNA STOP sequence preventing expression of the downstream lacZ gene. When crossed with a cre transgenic strain, the STOP sequence is removed and lacZ is expressed in cells/tissues where cre is expressed. These mutant mice may be used as a Cre-reporter strain; to test the tissue/cellular expression pattern of cre transgenic mice.

**Development**

**Expression Data**

**Control Suggestions**

**Selected References**

**Genetics**

**Gt(ROSA)26Sor**

**Disease/Phenotype**
Genotyping Protocols
Probe: Gt(rosa)26 Sor Tm1 Sor Probe
Separated MCA: Gt(ROSA)26 Sor Tm1 Sor STD
Standard PCR: Gt(ROSA)26 Sor Tm1 Sor STD
Genotyping resources and troubleshooting

Dietary Information
LabDiet® 5K52 formulation (6% fat)

Breeding Considerations

This strain is an exceptional breeder.
Homozygous mice are viable and fertile. When maintaining a live colony, homozygous mice may be bred together. Coat color expected from breeding is Black.
Additional Breeding and Husbandry Support

Mating System
Homozygote x Homozygote

Citation
When using the BD mouse strain in a publication, please cite the originating article(s) and include JAX stock #003474 in your Materials and Methods section.

Animal Health Reports
Facility Barrier Level Descriptions

AX8 (Standard)

Pricing & Availability

Available Now
Sized to accommodate orders of up to 10 or more with age range. Call Customer Service for details.

Domestic International
Pricing effective for USA, Canada and Mexico shipping destinations
Live Mouse
<table>
<thead>
<tr>
<th>AGE</th>
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<th>GENOTYPE</th>
<th>PRICE</th>
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<td>3 weeks</td>
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<td>Homozygous for Gt(ROSA)26Soi&lt;sup&gt;tm15or&lt;/sup&gt;</td>
<td>$178.54</td>
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<tr>
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