Overview

This targeted mutant was created and characterized by Deltagen, Inc. View phenotypic data developed by Deltagen.

GENETIC OVERVIEW

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
</tr>
</thead>
</table>

Kcnq2<sup>tm1Dgen</sup>

<table>
<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Targeted (Reporter, Null/Knockout)</td>
<td>Kcnq2</td>
<td>potassium voltage-gated channel, subfamily Q, member 2</td>
</tr>
</tbody>
</table>

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

PLACE ORDER

RESEARCH APPLICATIONS

Research Tools
Neurobiology Research
Cell Biology Research

VIEW GENETICS

VIEW ALL RESEARCH APPLICATIONS

BASE PRICE

Starting at:

$2,854.50 Domestic price Cryo Recovery
Details

Detailed Description
This targeted mutant was created and characterized by Deltagen, Inc. View phenotypic data developed by Deltagen.

Development

Expression Data

Control Suggestions

Genetics

Kcnq2^{tmDgen}

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

References

Technical Support
Genotyping Protocols
Standard PCR: Kcnq2
Genotyping resources and troubleshooting

Citation
When using the B6.129P2-Kcnq2^{tm1Dgen}/J mouse strain in a publication, please cite the originating article(s) and include JAX stock #005830 in your Materials and Methods section.

Animal Health Reports
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.

CRYORECOVERY - DOMESTIC PRICING

<table>
<thead>
<tr>
<th>SERVICE/PRODUCT</th>
<th>DESCRIPTION</th>
<th>PRICE</th>
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<tbody>
<tr>
<td>Cryo Recovery</td>
<td>Heterozygous or Wild-type for Kcnq2^{tm1Dgen}</td>
<td>$2,854.50</td>
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PAYMENT TERMS AND CONDITIONS
Terms are granted by individual review and stated on the customer invoice(s) and account statement. These transactions are payable in U.S. currency within the granted terms. Payment for services, products, shipping containers, and shipping costs that are rendered are expected within the payment terms indicated on the invoice or stated by contract. Invoices and account balances in arrears of stated terms may result in The Jackson Laboratory pursuing collection activities including but not limited to outside agencies and court filings.

THE JACKSON LABORATORY'S GENOTYPE PROMISE
The Jackson Laboratory has rigorous genetic quality control and mutant gene genotyping programs to ensure the genetic background of JAX® Mice strains as well as the genotypes of strains with identified molecular mutations. JAX® Mice strains are only made available to researchers after meeting our standards. However, the phenotype of each strain may not be fully characterized and/or captured in the strain data sheets. Therefore, we cannot guarantee a strain's phenotype will meet all expectations. To ensure that JAX® Mice will meet the needs of individual research projects or when requesting a strain that is new to your research, we suggest ordering and performing tests on a small number of mice to determine suitability for your particular project. We do not guarantee breeding performance and therefore suggest that investigators order more than one breeding pair to avoid delays in their research.
## TERMS OF USE

General Terms and Conditions

### ADDITIONAL USE RESTRICTIONS APPLY

Use of MICE by academics, non-profits, companies or for-profit entities requires a license prior to shipping.

### LICENSING INFORMATION

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

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## Related Strains

### All

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<tr>
<th>By Allele</th>
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<table>
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<th>By Gene</th>
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<tr>
<th>By Collection</th>
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