**Overview**

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

**GENETIC OVERVIEW**
Genetic Background

<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>

**Kcnq2\textsuperscript{tm1Dgen}**

**RESEARCH APPLICATIONS**
Research Tools
- Neurobiology Research
- Cell Biology Research

**BASE PRICE**
Starting at:
$2,854.50 Domestic price Cryo Recovery

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

**Development**

**Expression Data**

**Control Suggestions**

**Genetics**

**Kcnq2\textsuperscript{tm1Dgen}**

**Disease/Phenotype**
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.

Cryo Recovery - Domestic Pricing

<table>
<thead>
<tr>
<th>SERVICE/PRODUCT</th>
<th>DESCRIPTION</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cryo Recovery</td>
<td>Heterozygous or Wild-type for Kcnq2&lt;tm1Dgen&gt;</td>
<td>$2,854.50</td>
</tr>
</tbody>
</table>

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.

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

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Related Strains

- All
- By Allele
- By Gene
- By Collection

All Related Strains