Overview

Deletion of CXCR3 significantly increases mortality to septic challenge. This strain may be useful in studies of immunological resolution of infections.

GENETIC OVERVIEW

Genetic Background

Generation

?+N3F10
(2019-06-13 00:00:00)
<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>Cxcr3</td>
<td>chemokine (C-X-C motif) receptor 3</td>
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</tbody>
</table>

**RESEARCH APPLICATIONS**

Research Tools
Immunology, Inflammation and Autoimmunity Research

**BASE PRICE**

Starting at:

$236.78 Domestic price for female 4-week

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**

  - **Cxcr3^{tm1Dgen}**

- **Disease/Phenotype**

- **Disease Terms**

- **Research Areas By Phenotype**
Genotyping Protocols
Standard PCR: Cxcr3
Genotyping resources and troubleshooting

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

Mating System
Homozygote x Hemizygote

Citation
When using the B6.129P2-Cxcr3<sup>tm1Dgen</sup>/J mouse strain in a publication, please cite the originating article(s) and include JAX stock #005796 in your Materials and Methods section.

Animal Health Reports
Facility Barrier Level Descriptions
AX11 (Maximum)

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

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

**Live Mouse**

<table>
<thead>
<tr>
<th>AGE</th>
<th>SEX</th>
<th>GENOTYPE</th>
<th>PRICE</th>
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<td>4 weeks</td>
<td>Female</td>
<td>Homozygous for Cxcr3&lt;sup&gt;tm1Dgen&lt;/sup&gt;</td>
<td>$236.78</td>
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<tr>
<td>4 weeks</td>
<td>Male</td>
<td>Hemizygous for Cxcr3&lt;sup&gt;tm1Dgen&lt;/sup&gt;</td>
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<tr>
<td>5 weeks</td>
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Email: TechTran@jax.org

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All

By Allele

By Gene

By Collection

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