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

GENETIC OVERVIEW

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>?+N3F12 (2020-12-01 00:00:00)</td>
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</table>

**Cxcr3**

- **Allele Type**: Targeted (Reporter, Null/Knockout)
- **Gene Symbol**: Cxcr3
- **Gene Name**: chemokine (C-X-C motif) receptor 3

RESEARCH APPLICATIONS

Research Tools
Immunology, Inflammation and Autoimmunity Research

BASE PRICE
Starting at:
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

Mammalian Phenotype Terms by Genotype

References
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

Available

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

### Pricing & Availability

**Domestic**

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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<tr>
<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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**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

[Q U E S T I O N S  A B O U T  T E R M S  O F  U S E](#)

**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
# Related Strains

- All
- By Allele
- By Gene
- By Collection